IO Link Master Test Report

Test report for a IO Link Master Test

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Project Root : Conformance Test Script SDCI 1.1

Type	Project Root
Name	Conformance Test Script SDCI 1.1
Description	Conformance Test Script Version 1.1.9.0 Released by the IO-Link consortium Author: TEConcept GmbH
State	NotYetExecuted
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	0001-01-01 00:00:00.000
End of execution	0001-01-01 00:00:00.000
Document type	eTestFinished
Refers to	- IO-Link Interface and System Specification, V 1.1.2, November 2012 - IO-Link Test Specification, V 1.1.2, July 2014. Except TC0270 (still as in V1.1 specified), because HW restriction of the GD. - CR-DB 30_Test specification IO-Link: ID193 (TC019 temporary removed while ID in clarification state) - CR-DB 32_Test of IOL-M interface: ID3, ID5, ID6, ID7, ID8, ID9, ID10, ID11, ID12, ID13, ID14, ID15, ID16, ID17, ID18, ID20, ID21, ID22, ID23, ID27, ID28
Responsible organisation	TEConcept GmbH
Trademark of the DUT	Maxim Integrated
Test conclusion information	IO Link Master Tester 1.2.2.0 Copyright © 2015 TEConcept GmbH Licenced for: TEConcept GmbH, Freiburg
Created	TEConcept GmbH; 2016-09-16 08:38:10.387
Last change	lorand; 2017-06-08 14:55:34.676
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```


DUT Port with GD	1
DUT supports COM3	Yes

GD Check Info

Type	GD Check Info
Name	
Description	GD Check Info
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:54:19.015
End of execution	2017-06-08 14:54:22.556
GD Vendor Name	TEConcept GmbH
Vendor ID	0x014E
GD Vendor Text	Wentzingerstr. 21, 79106 Freiburg, Germany
GD Product Name	IO-Link Golden Device
GD Product ID	IOLGD
GD Product Text	IO-Link Golden Device Master Test System
Device ID	0x004D47
GD Serial No	GD000010
GD Hardware Rev	0100
GD Firmware Rev	0036

DUT Check Info

Type	DUT Check Info

Name	
Description	DUT Check Info
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:54:05.099
End of execution	2017-06-08 14:54:08.188
Vendor name	Maxim Integrated
Product name	Maxrefdes145#b
Product ID	001
Serial No.	
Hardware Rev.	002
Firmware Rev.	00:006-008-07:002-001-01:006
Description	8 port IO-Link Master.

Test Root : SDCI_TC_0158 (TCM_ PHYL_TIME_TDMT)

Type	Test Root
Name	SDCI_TC_0158 (TCM_ PHYL_TIME_TDMT)
Description	Check delay times after WURQ and Master messages. Measuring the delays between WURQ and first request (230,4 kbit/s) or between the requests in the individual transmission rates respectively.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:35.327
End of execution	2017-06-08 14:37:06.964

Type	SubFunction Reference
Name	Startup Measure
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:35.389
End of execution	2017-06-08 14:37:03.766
Function	Startup WURQ Measure

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:35.670
End of execution	2017-06-08 14:36:38.041
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:38.104
End of execution	2017-06-08 14:36:38.665
Baudrate	GDBaudrateMaxSupported
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:38.728
End of execution	2017-06-08 14:36:40.381
Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:40.444
End of execution	2017-06-08 14:36:40.444
Configuration set	default_1ByteSensor_1ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:40.506
End of execution	2017-06-08 14:36:40.506
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:36:40.568
End of execution	2017-06-08 14:36:49.694
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:49.757
End of execution	2017-06-08 14:36:49.975
Timeout [ms]	3000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:50.038
End of execution	2017-06-08 14:36:54.094
Port ID	-1
Port Status	Fallback
Type	GD Get operation status
Name	NO_COM
Description	Get's the operation status of the GD.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:54.156
End of execution	2017-06-08 14:36:54.328
Timeout [ms]	3000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Measure startup
Description	Prepares the GD to log all IO-Link events during startup. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:54.390
End of execution	2017-06-08 14:36:54.577
GD state	GDLogTiming

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:54.640
End of execution	2017-06-08 14:37:03.766
Port ID	-1
Port Status	ScanMode

Type	Wait
Name	
Description	Wait time for logging startup.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:03.828
End of execution	2017-06-08 14:37:06.870
Wait time [ms]	3000

Type	Check Tdmt
Name	
Description	Evaluates the wake up request timing. Precondition: GD must log the startup timing. Check if measured Tdmt times are within tolerance of 27 to 37 Tbit.
State	Successful
State info	8 WakeUp request sequence successfull tested
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:06.932
End of execution	2017-06-08 14:37:06.964
Tdmt COM3 [µs]	135
Tdmt COM2 [µs]	748
Tdmt COM1 [µs]	5976

Test Root : SDCI_TC_0159 (TCM_ PHYL_TIME_TDWU)

Type	Test Root
Name	SDCI_TC_0159 (TCM_ PHYL_TIME_TDWU)
Description	Check whether delay time between wake-up retries is within tolerance. Measuring the times between the three Wake-up retries. Master-Tester ("Device") shall detect the beginning of all Wake-up requests and measure the time in between. It shall not react to the requests.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:07.026
End of execution	2017-06-08 14:37:35.356

Type	SubFunction Reference
Name	Startup Measure
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:07.088
End of execution	2017-06-08 14:37:32.173
Function	Startup WURQ Measure

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:07.400
End of execution	2017-06-08 14:37:08.882
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:08.945
End of execution	2017-06-08 14:37:09.506
Baudrate	GDBaudrateMaxSupported
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:09.569
End of execution	2017-06-08 14:37:09.709
Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:09.725
End of execution	2017-06-08 14:37:09.725
Configuration set	default_1ByteSensor_1ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:09.787
End of execution	2017-06-08 14:37:09.787
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:37:09.850
End of execution	2017-06-08 14:37:18.976
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:19.038
End of execution	2017-06-08 14:37:19.397
Timeout [ms]	3000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:19.459
End of execution	2017-06-08 14:37:22.501
Port ID	-1
Port Status	Fallback
Type	GD Get operation status
Name	NO_COM

Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:22.564
End of execution	2017-06-08 14:37:22.751
Timeout [ms]	3000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Measure startup
Description	Prepares the GD to log all IO-Link events during startup. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:22.813
End of execution	2017-06-08 14:37:22.985
GD state	GDLogTiming

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:23.047
End of execution	2017-06-08 14:37:32.173
Port ID	-1
Port Status	ScanMode

Type	Wait
Name	
Description	Wait time for logging startup.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:32.236
End of execution	2017-06-08 14:37:35.278
Wait time [ms]	3000

Type	Check Tdwu
Name	
Description	Evaluates if the logged Tdwu is in the correct range [30-50ms] Precondition: GD must log the startup timing.
State	Successful
State info	3 WakeUp request sequence successfull tested
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:35.340
End of execution	2017-06-08 14:37:35.356
Tdwu 12 [ms]	32
Tdwu 23 [ms]	32

Test Root : SDCI_TC_160 (TCM_ PHYL_TIME_NUMOFWURQS)

Type	Test Root
Name	SDCI_TC_160 (TCM_ PHYL_TIME_NUMOFWURQS)
Description	Check number of Wake-up retries. The number of WURQs during one Wake-up sequence is counted. The number of retries shall be exactly 2 (total number 3). Master-Tester ("Device") shall detect the start of the first WURQ and then start time measurement. Another 2 WURQs shall follow within the next 100 ms. No further requests except these 3 WURQs shall fol-low within 500 ms after start of the first WURQ.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:35.418
End of execution	2017-06-08 14:38:03.763

Type	SubFunction Reference
Name	Startup Measure
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:35.481
End of execution	2017-06-08 14:38:00.581
Function	Startup WURQ Measure

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:35.793
End of execution	2017-06-08 14:37:37.290
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:37.353
End of execution	2017-06-08 14:37:37.914
Baudrate	GDBaudrateMaxSupported
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	

Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:37.977
End of execution	2017-06-08 14:37:38.117
Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:38.133
End of execution	2017-06-08 14:37:38.133
Configuration set	default_1ByteSensor_1ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:38.195
End of execution	2017-06-08 14:37:38.195
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:37:38.257
End of execution	2017-06-08 14:37:47.383
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:47.446
End of execution	2017-06-08 14:37:47.805
Timeout [ms]	3000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:47.867
End of execution	2017-06-08 14:37:50.909
Port ID	-1
Port Status	Fallback

Type	GD Get operation status
Name	NO_COM
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:50.971
End of execution	2017-06-08 14:37:51.159
Timeout [ms]	3000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Measure startup
Description	Prepares the GD to log all IO-Link events during startup. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:51.221
End of execution	2017-06-08 14:37:51.393
GD state	GDLogTiming

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	No
Comment	
Start of execution	2017-06-08 14:37:51.455
End of execution	2017-06-08 14:38:00.581
Port ID	-1
Port Status	ScanMode

Type	Wait
Name	
Description	Wait time for logging startup.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:38:00.643
End of execution	2017-06-08 14:38:03.685
Wait time [ms]	3000

Type	Check WURQ count
Name	
Description	Evaluates if the logged WURQs. Precondition: GD must log the startup timing. Exact 3 WURQs must detected within 100ms and no more for further 400ms.
State	Successful
State info	2 WakeUp request sequence successfull tested
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:38:03.748
End of execution	2017-06-08 14:38:03.763

Test Root : SDCI_TC_0161 (TCM_ PHYL_TIME_TSD)

Type	Test Root
Name	SDCI_TC_0161 (TCM_ PHYL_TIME_TSD)
Description	Check time between two WURQs is between 0.5 s and 1 s. The time between the start of two Wake-up sequences is measured. Master-Tester ("Device") shall detect the start of the first WURQ and start time measurement. 2 more WURQs shall follow within the next 100 ms. No further requests except these 3 WURQs shall follow within 500 ms after start of the first WURQ. 1 s after the first WURQ at the latest the Master shall start a new Wake-up sequence. Master-Tester ("Device") shall check these times.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:38:03.826
End of execution	2017-06-08 14:38:32.171

Type	SubFunction Reference
Name	Startup Measure
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:38:03.888
End of execution	2017-06-08 14:38:28.989
Function	Startup WURQ Measure

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:38:04.200
End of execution	2017-06-08 14:38:05.698
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:38:05.760
End of execution	2017-06-08 14:38:06.322
Baudrate	GDBaudrateMaxSupported
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop

Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:38:06.384
End of execution	2017-06-08 14:38:06.525
Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:38:06.540
End of execution	2017-06-08 14:38:06.540
Configuration set	default_1ByteSensor_1ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:38:06.603
End of execution	2017-06-08 14:38:06.603
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:38:06.665
End of execution	2017-06-08 14:38:15.791
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:38:15.853
End of execution	2017-06-08 14:38:16.212
Timeout [ms]	3000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:38:16.275
End of execution	2017-06-08 14:38:19.317
Port ID	-1

Port Status	Fallback

Type	GD Get operation status
Name	NO_COM
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:38:19.379
End of execution	2017-06-08 14:38:19.566
Timeout [ms]	3000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Measure startup
Description	Prepares the GD to log all IO-Link events during startup. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:38:19.629
End of execution	2017-06-08 14:38:19.800
GD state	GDLogTiming

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	No
Comment	
Start of execution	2017-06-08 14:38:19.863
End of execution	2017-06-08 14:38:28.989
Port ID	-1
Port Status	ScanMode

Type	Wait
Name	
Description	Wait time for logging startup.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:38:29.051
End of execution	2017-06-08 14:38:32.093
Wait time [ms]	3000

Type	Check WURQ time
Name	
Description	Evaluates if the logged WURQs. Precondition: GD must log the startup timing. Exact 3 WURQs must detected within 100ms and no more for further 400ms. Between 500ms and 1000ms after first WURQ a new WakeUp sequence must be detected.
State	Successful
State info	3 WakeUp request sequence successfull tested
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:38:32.155
End of execution	2017-06-08 14:38:32.171
Tsd [ms]	509

Test Root : SDCI_TC_0162 (TCM_ PHYL_TIME_TINITCYC)

Type	Test Root
Name	SDCI_TC_0162 (TCM_ PHYL_TIME_TINITCYC)
Description	At STARTUP the time between two beginning messages shall be = 100 TBIT. During the start-up phase the time between the start of two Master messages is measured. This is repeated for all transmission rates supported by the Master. Master-Tester ("Device") detects the start of each Master message and measures the time in between. These times shall be = 100 TBIT of the transmission rate. This test is repeated for all supported transmission rates.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:38:32.233
End of execution	2017-06-08 14:39:50.873

Type	Loop
Name	for all baudrates
Description	Iterates over all child items
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:38:32.296
End of execution	2017-06-08 14:39:50.873
Count of loops	3
Current executed loop	3

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:39:24.946
End of execution	2017-06-08 14:39:26.350
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:39:26.412
End of execution	2017-06-08 14:39:26.974
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop

Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:39:27.036
End of execution	2017-06-08 14:39:27.177
Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:39:27.239
End of execution	2017-06-08 14:39:27.239
Configuration set	default_1ByteSensor_1ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:39:27.302
End of execution	2017-06-08 14:39:27.302
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:39:27.364
End of execution	2017-06-08 14:39:36.490
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:39:36.552
End of execution	2017-06-08 14:39:36.864
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE; OPERATE; OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	No
Comment	
Start of execution	2017-06-08 14:39:36.927
End of execution	2017-06-08 14:39:39.969
Port ID	-1

Port Status	Fallback
Type	GD Get operation status
Name	NO_COM
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:39:40.031
End of execution	2017-06-08 14:39:40.218
Timeout [ms]	4000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM; NO_COM; NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0
Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:39:40.281
End of execution	2017-06-08 14:39:40.764
Baudrate	GDBaudrate4K8; GDBaudrate38K4; GDBaudrate230K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	15200; 4000; 4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	GD Prepare state
Name	Log communication
Description	Prepares the GD to log all IO-Link telegrams. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:39:40.827
End of execution	2017-06-08 14:39:41.061
GD state	GDMonitorMode
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	No
Comment	
Start of execution	2017-06-08 14:39:41.123
End of execution	2017-06-08 14:39:50.249
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status

Name	OPERATE
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:39:50.312
End of execution	2017-06-08 14:39:50.577
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE; OPERATE; OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0
Type	GD Prepare state
Name	Stop logging communication
Description	Stop measure cycle time
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:39:50.639
End of execution	2017-06-08 14:39:50.811
GD state	GDMonitorModeStop
Type	Check INIT cycle time
Name	
Description	Evaluates if the logged Cycle times are in the correct range. Precondition: GD must start the monitor. Measures the time between the first two frames after startup. Check the range with used baudrate (get from prior executed CTOGDSetBaudrate object).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:39:50.873
End of execution	2017-06-08 14:39:50.873
Tcycle [µs]	30494; 6490; 713

Test Root : SDCI_TC_0163 (TCM_ PHYL_TIME_MASTERCYCLETIME)

Type	Test Root
Name	SDCI_TC_0163 (TCM_ PHYL_TIME_MASTERCYCLETIME)
Description	The Master shall adapt correctly to a too short MinCycleTime of the Device. Master-Tester ("Device") shall suggest the F-sequence type for a too small MinCycleTime value. The Master shall not accept this time and shall write back a sensible MasterCycle time. The same applies if the MinCycleTime value is "0". At each F-sequence type the Master-Tester ("Device") starts with the MinCycleTime value "0" and with times below the time that can be reached by the Master. The Master shall correct these times by writing back a possible MasterCycleTime value.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:39:50.936
End of execution	2017-06-08 14:40:47.220

Type	Loop
Name	for different MinCycleTimes
Description	Iterates over all child items
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:39:50.998
End of execution	2017-06-08 14:40:47.220
Count of loops	2
Current executed loop	2

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:40:19.234
End of execution	2017-06-08 14:40:20.622
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:40:20.685
End of execution	2017-06-08 14:40:21.246
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:40:21.309
End of execution	2017-06-08 14:40:21.496
Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:40:21.558
End of execution	2017-06-08 14:40:21.558
Configuration set	default_1ByteSensor_1ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:40:21.621
End of execution	2017-06-08 14:40:21.621
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:40:21.683
End of execution	2017-06-08 14:40:30.809
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:40:30.872
End of execution	2017-06-08 14:40:31.137
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE; OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	No
Comment	
Start of execution	2017-06-08 14:40:31.199
End of execution	2017-06-08 14:40:34.241

Port ID	-1
Port Status	Fallback
Type	GD Get operation status
Name	NO_COM
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:40:34.304
End of execution	2017-06-08 14:40:34.491
Timeout [ms]	4000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM; NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0
Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:40:34.553
End of execution	2017-06-08 14:40:35.957
GD state	GDStandardState
Type	GD Configuration
Name	
Description	Writes data Min Cycle Time to the parameter channel. Unrealistic for frame type 0, write access and baudrate of 4K8 ==> smaller than 9,375ms ==> 6,300 ms is selected.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:40:36.020
End of execution	2017-06-08 14:40:36.581
Baudrate	GDBaudrate4K8
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000; 6300
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	No
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	GD Prepare state
Name	Log communication
Description	Prepares the GD to log all IO-Link telegrams. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:40:36.644
End of execution	2017-06-08 14:40:36.893
GD state	GDMonitorMode
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.

State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:40:36.956
End of execution	2017-06-08 14:40:46.082
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:40:46.144
End of execution	2017-06-08 14:40:46.612
Timeout [ms]	15000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE; OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0
Type	GD Prepare state
Name	Stop logging communication
Description	Stop measure cycle time
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:40:46.674
End of execution	2017-06-08 14:40:46.846
GD state	GDMonitorModeStop
Type	GD Read parameter channel
Name	MasterCycleTime
Description	Reads data from the parameter channel.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:40:46.908
End of execution	2017-06-08 14:40:47.158
Address	1
Data length	1
Data received	0x5C; 0x5C
Expected data	
Empty data expected	No
Type	Check Master Cycle time
Name	
Description	Evaluates the master cycle time (TINITCYC) read from the parameter channel for the configured baudrate.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:40:47.220
End of execution	2017-06-08 14:40:47.220
Master cycle time read [µs]	17600; 17600
Master cycle time expected [µs]	9600; 9600

Test Root : SDCI_TC_0164 (TCM_ PHYL_TIME_MASTERCYCLETIMEREAL)

Type	Test Root
Name	SDCI_TC_0164 (TCM_ PHYL_TIME_MASTERCYCLETIMEREAL)
Description	Written MasterCycleTime matches real cycle time. The Master shall read the MinCycleTime value from Master-Tester ("Device") and shall write back its MasterCycleTime value. This time shall be checked by the Master-Tester ("Device"). To do so, Master-Tester ("Device") shall start several times with different MinCycleTimes and shall then check them. Master-Tester ("Device") receives different values in the Direct Parameter page 1 for the MinCycleTime and carries out a startup to OPERATE mode. In this state the MasterCycleTime is checked.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:40:47.283
End of execution	2017-06-08 14:48:26.298

Type	Loop
Name	for all baudrates
Description	Iterates over all child items
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:40:47.345
End of execution	2017-06-08 14:48:23.318
Count of loops	3
Current executed loop	3

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:45:52.310
End of execution	2017-06-08 14:46:04.369
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:45:52.373
End of execution	2017-06-08 14:45:53.855
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:45:53.917
End of execution	2017-06-08 14:45:54.479
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No

Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:45:54.541
End of execution	2017-06-08 14:45:54.713
Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:45:54.775
End of execution	2017-06-08 14:45:54.775
Configuration set	default_1ByteSensor_1ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:45:54.837
End of execution	2017-06-08 14:45:54.837
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:45:54.900
End of execution	2017-06-08 14:46:04.026
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:46:04.088
End of execution	2017-06-08 14:46:04.369
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE; OPERATE; OPERATE
Expected GD IOLSH status	DontCare

Received GD IOLSH status	0; 0; 0

Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	No
Comment	
Start of execution	2017-06-08 14:46:04.431
End of execution	2017-06-08 14:46:07.473
Port ID	-1
Port Status	Fallback

Type	GD Get operation status
Name	NO_COM
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:46:07.536
End of execution	2017-06-08 14:46:07.723
Timeout [ms]	4000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM; NO_COM; NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0

Type	GD Baudrate
Name	Set
Description	Prepare the GD to communicate with 'Baudrate'.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:46:07.785
End of execution	2017-06-08 14:46:08.269
Baudrate	GDBaudrate4K8; GDBaudrate38K4; GDBaudrate230K4

Type	Loop
Name	for different MinCycleTimes
Description	Iterates over all child items
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:46:08.331
End of execution	2017-06-08 14:48:23.318
Count of loops	6
Current executed loop	6; 6; 6

Type	GD Set MinCycleTime
Name	
Description	Configures the GD with a MinCycleTime: Multiplier value 0x11 is reserved and not used by this test. 0x00;0x01;0x3F;0x40;0x7F;0x80;0xBF 0ms, 1ms, 6.3ms, 6.4ms, 31.6ms,32ms, 132.8ms
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:47:38.531
End of execution	2017-06-08 14:47:38.952
Min cycle time [µs]	4000; 6300; 6400; 31600; 32000; 132800

Type	GD Prepare state
Name	Log communication
Description	Prepares the GD to log all IO-Link telegrams. The GD sends the result to the logging interface.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:47:39.014
End of execution	2017-06-08 14:47:39.248
GD state	GDMonitorMode
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:47:39.311
End of execution	2017-06-08 14:47:39.467
Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:47:39.529
End of execution	2017-06-08 14:47:39.545
Configuration set	default_1ByteSensor_1ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:47:39.607
End of execution	2017-06-08 14:47:39.607
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:47:39.670
End of execution	2017-06-08 14:47:48.796
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:47:48.858
End of execution	2017-06-08 14:47:49.170
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE; OPERATE; OPERATE; OPERATE; OPERATE; OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0; 0; 0; 0

Type	Wait
Name	Wait time for logging data
Description	Wait time for logging communication.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:47:49.232
End of execution	2017-06-08 14:48:19.652
Wait time [ms]	2000; 3000; 3000; 5000; 5000; 30000

Type	GD Prepare state
Name	Stop logging communication
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:48:19.715
End of execution	2017-06-08 14:48:19.840
GD state	GDMonitorModeStop

Type	GD Read parameter channel
Name	MasterCycleTime
Description	Reads data from the parameter channel.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:48:19.902
End of execution	2017-06-08 14:48:20.152
Address	1
Data length	1
Data received	0x28; 0x3F; 0x40; 0x7F; 0x80; 0xBF
Expected data	
Empty data expected	No

Type	Check measured Master Cycle time
Name	
Description	Evaluates if the master cycle time measured by the GD and compare them to the MasterCycleTime read from the parameter channel. Precondition: Master telegrams must be monitored. (CTOGDPrepareState:GDMonitorMode).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:48:20.214
End of execution	2017-06-08 14:48:20.214
Master cycle time read [µs]	4000; 6300; 6400; 31600; 32000; 132800
Max. master cycle time meas. [µs]	4041; 6363; 6649; 32000; 32421; 134130
Min. master cycle time meas. [µs]	4031; 6351; 6452; 31878; 32281; 133985

Type	DUT Port Status
Name	Fallback (for next loop)
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	No
Comment	
Start of execution	2017-06-08 14:48:20.276
End of execution	2017-06-08 14:48:23.318
Port ID	-1
Port Status	Fallback

Type	User Question
Name	Cycle Time < 4ms
Description	The IO Link Master Tester is only able too test cycle times up to 4ms. If the DUT uses faster cycle time, this must be testet with a alternative test equipment (Oszilloscop and IO Link Device with max. cycle time).

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:48:23.381
End of execution	2017-06-08 14:48:26.298
Question	Is the fastest cycle time of the testet IO Link Master slower or equal 4ms or did you tested the faster cycle time by a other test equipment succesfully?

Test Root : SDCI_TC_0165 (TCM_ PHYL_TIME_DEVRESPTIMES)

Type	Test Root
Name	SDCI_TC_0165 (TCM_ PHYL_TIME_DEVRESPTIMES)
Description	Master tolerates different Device response times. Master-Tester ("Device") shall answer with different response times after receiving the Master message. The Master shall be able to handle this jitter. Master-Tester ("Device") responds with different response times between 1 and 10 TBIT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:48:26.314
End of execution	2017-06-08 14:50:15.888

Type	Loop
Name	for response time
Description	Iterates over all child items
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:48:26.376
End of execution	2017-06-08 14:50:15.888
Count of loops	3
Current executed loop	3

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:49:39.743
End of execution	2017-06-08 14:49:51.724
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:49:39.805
End of execution	2017-06-08 14:49:41.209
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:49:41.272
End of execution	2017-06-08 14:49:41.833
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000

Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:49:41.896
End of execution	2017-06-08 14:49:42.067
Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:49:42.130
End of execution	2017-06-08 14:49:42.130
Configuration set	default_1ByteSensor_1ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:49:42.192
End of execution	2017-06-08 14:49:42.192
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:49:42.255
End of execution	2017-06-08 14:49:51.381
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:49:51.443
End of execution	2017-06-08 14:49:51.724
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE; OPERATE; OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0

Type	DUT Port Status
Name	Fallback

Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	No
Comment	
Start of execution	2017-06-08 14:49:51.786
End of execution	2017-06-08 14:49:54.828
Port ID	-1
Port Status	Fallback
Type	GD Get operation status
Name	NO_COM
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:49:54.891
End of execution	2017-06-08 14:49:55.078
Timeout [ms]	4000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM; NO_COM; NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0
Type	GD Set TA
Name	Disable TA
Description	Prepares the GD device to answer with a predefined response time (1-10 Tbit). Precondition: GD must be in Loopback state (GDLoopBackPDState). Disable TA assign function, so the GD can answer with configured process data.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:49:55.140
End of execution	2017-06-08 14:49:55.327
TA [Tbit]	0
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	No
Comment	
Start of execution	2017-06-08 14:49:55.390
End of execution	2017-06-08 14:50:04.516
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:50:04.578
End of execution	2017-06-08 14:50:04.812
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE; OPERATE; OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0
Type	GD PD Write

Name	Write dummy data
Description	Writes outgoing process data to the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:50:04.875
End of execution	2017-06-08 14:50:05.062
Data	0x01; 0x02; 0x03
Type	Wait
Name	
Description	Wait time for System
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:50:05.124
End of execution	2017-06-08 14:50:07.152
Wait time [ms]	2000
Type	DUT PD Read
Name	Check dummy data
Description	Reads dummy process data via the DUT from the GD. Precondition: The System data exchange mode must be started (-> CTODUTDataExchangeStart). If the process data are still equal to the written process data, the DUT is able to handle different response times.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:50:07.215
End of execution	2017-06-08 14:50:07.215
Port ID	-1
Data	0x01; 0x02; 0x03
Expected data	0x01; 0x02; 0x03
Empty data expected	No
Type	GD Set TA
Name	Set TA
Description	Prepares the GD device to answer with a predefined response time (1-10 Tbit). Precondition: GD must be in Loopback state (GDLoopBackPDState). If TA assign function is active, the GD answer with 0 as process data!
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:50:07.277
End of execution	2017-06-08 14:50:07.402
TA [Tbit]	1; 5; 10
Type	GD Get operation status
Name	OPERATE
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:50:07.464
End of execution	2017-06-08 14:50:10.288
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE; OPERATE; OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0
Type	DUT PD Read
Name	Check dummy data

Description	Expect 0 because of active TA mode.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:50:10.350
End of execution	2017-06-08 14:50:10.350
Port ID	-1
Data	0x00; 0x00; 0x00
Expected data	0x00
Empty data expected	No

Type	GD Prepare state
Name	Log communication
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:50:10.413
End of execution	2017-06-08 14:50:10.522
GD state	GDMonitorMode

Type	Check Monitor frame
Name	
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:50:10.584
End of execution	2017-06-08 14:50:15.717
Timeout [ms]	5000
Expected frame status	Ok
Source	Master
ReadWrite mode	DontCare
Used data channel	DontCare
Address	-1
Used frame type	DontCare
Data received	0x00; 0x00; 0x00
Expected data	
Minimum received frames	1000
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	1255; 1259; 1256
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	GD Prepare state
Name	Stop logging communication
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:50:15.779
End of execution	2017-06-08 14:50:15.888
GD state	GDMonitorModeStop

Test Root : SDCI_TC_0166 (TCM_ PHYL_TIME_UARTT2)

Type	Test Root
Name	SDCI_TC_0166 (TCM_ PHYL_TIME_UARTT2)
Description	Master tolerates different UART frame delay times (T2) of the Device. Master-Tester ("Device") shall respond with different delays between the octets. The Master shall be able to handle this variation. Master-Tester ("Device") responds with different delays between 0 and 3 TBIT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:50:15.951
End of execution	2017-06-08 14:52:28.473

Type	Loop
Name	for delay between bytes
Description	Iterates over all child items
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:50:16.013
End of execution	2017-06-08 14:52:28.473
Count of loops	4
Current executed loop	4

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:51:55.479
End of execution	2017-06-08 14:52:07.460
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:51:55.541
End of execution	2017-06-08 14:51:56.945
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:51:57.008
End of execution	2017-06-08 14:51:57.569
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000

Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:51:57.632
End of execution	2017-06-08 14:51:57.772
Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:51:57.834
End of execution	2017-06-08 14:51:57.834
Configuration set	default_1ByteSensor_1ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:51:57.897
End of execution	2017-06-08 14:51:57.897
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:51:57.959
End of execution	2017-06-08 14:52:07.085
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:52:07.148
End of execution	2017-06-08 14:52:07.460
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE; OPERATE; OPERATE; OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0; 0

Type	DUT Port Status

Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	No
Comment	
Start of execution	2017-06-08 14:52:07.522
End of execution	2017-06-08 14:52:10.564
Port ID	-1
Port Status	Fallback
Type	GD Get operation status
Name	NO_COM
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:52:10.626
End of execution	2017-06-08 14:52:10.814
Timeout [ms]	4000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM; NO_COM; NO_COM; NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0; 0
Type	GD Set T2
Name	Set T2
Description	Prepares the GD device to answer with a delay between the single bytes
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:52:10.876
End of execution	2017-06-08 14:52:11.063
T2 [Tbit]	0; 1; 2; 3
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	No
Comment	
Start of execution	2017-06-08 14:52:11.126
End of execution	2017-06-08 14:52:20.252
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:52:20.314
End of execution	2017-06-08 14:52:20.548
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE; OPERATE; OPERATE; OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0; 0
Type	GD PD Write

Name	dummy data
Description	Writes outgoing process data to the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:52:20.610
End of execution	2017-06-08 14:52:20.782
Data	0x01; 0x02; 0x03; 0x04
Type	Wait
Name	
Description	Wait time for System
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:52:20.844
End of execution	2017-06-08 14:52:22.872
Wait time [ms]	2000
Type	DUT PD Read
Name	Check dummy data
Description	Reads dummy process data via the DUT from the GD. Precondition: The System data exchange mode must be started (-> CTODUTDataExchangeStart). If the process data are still equal to the written process data, the DUT is able to handle different response times.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:52:22.935
End of execution	2017-06-08 14:52:22.935
Port ID	-1
Data	0x01; 0x02; 0x03; 0x04
Expected data	0x01; 0x02; 0x03; 0x04
Empty data expected	No
Type	GD Prepare state
Name	Log communication
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:52:22.997
End of execution	2017-06-08 14:52:23.106
GD state	GDMonitorMode
Type	Check Monitor frame
Name	
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:52:23.169
End of execution	2017-06-08 14:52:28.317
Timeout [ms]	5000
Expected frame status	Ok
Source	Device
ReadWrite mode	DontCare
Used data channel	DontCare
Address	-1
Used frame type	DontCare
Data received	0x00,0x01; 0x00,0x02; 0x00,0x03; 0x00,0x04
Expected data	

Minimum received frames	1000
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	1256; 1257; 1260; 1256
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	GD Prepare state
Name	Stop logging communication
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:52:28.379
End of execution	2017-06-08 14:52:28.473
GD state	GDMonitorModeStop

Test Root : SDCI_TC_0167 (TCM_ PHYL_TIME_UARTT1)

Type	Test Root
Name	SDCI_TC_0167 (TCM_ PHYL_TIME_UARTT1)
Description	Master sends UART frames within tolerated times (T1). Measuring the delays between the UART octets. Master-Tester ("Device") shall measure the delays between the end of the stop bit and the beginning of the start bit of the next octet.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:52:28.535
End of execution	2017-06-08 14:53:53.493

Type	Loop
Name	for all baudrates
Description	Iterates over all child items
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:52:28.598
End of execution	2017-06-08 14:53:53.493
Count of loops	3
Current executed loop	3

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:53:26.661
End of execution	2017-06-08 14:53:38.735
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:53:26.723
End of execution	2017-06-08 14:53:28.221
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:53:28.283
End of execution	2017-06-08 14:53:28.845
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000

Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:53:28.907
End of execution	2017-06-08 14:53:29.001
Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:53:29.063
End of execution	2017-06-08 14:53:29.063
Configuration set	default_1ByteSensor_1ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:53:29.126
End of execution	2017-06-08 14:53:29.126
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:53:29.188
End of execution	2017-06-08 14:53:38.314
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:53:38.377
End of execution	2017-06-08 14:53:38.735
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE; OPERATE; OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0

Type	DUT Port Status
Name	Fallback

Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	No
Comment	
Start of execution	2017-06-08 14:53:38.798
End of execution	2017-06-08 14:53:41.840
Port ID	-1
Port Status	Fallback
Type	GD Get operation status
Name	NO_COM
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:53:41.902
End of execution	2017-06-08 14:53:42.089
Timeout [ms]	4000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM; NO_COM; NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0
Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:53:42.152
End of execution	2017-06-08 14:53:42.635
Baudrate	GDBaudrate4K8; GDBaudrate38K4; GDBaudrate230K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	15200; 4000; 4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	No
Comment	
Start of execution	2017-06-08 14:53:42.698
End of execution	2017-06-08 14:53:51.824
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:53:51.886
End of execution	2017-06-08 14:53:52.120
Timeout [ms]	15000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE; OPERATE; OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0
Type	GD Prepare state
Name	Log timing
Description	Prepares the GD to log all IO-Link telegrams. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:53:52.183
End of execution	2017-06-08 14:53:52.354
GD state	GDLogTiming
Type	Wait
Name	Wait time for GD
Description	Wait time for logging communication.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:53:52.417
End of execution	2017-06-08 14:53:53.431
Wait time [ms]	3000; 2000; 1000
Type	Check Transmission delay
Name	Check Transmission delay
Description	Evaluates the character transmission delays logged by the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:53:53.493
End of execution	2017-06-08 14:53:53.493
T1 delay [µs]	0; 0; 0

Test Root : SDCI_TC_0168 (TCM_ DLPD_CYCC_TYPE21BIT8IN)

Type	Test Root
Name	SDCI_TC_0168 (TCM_ DLPD_CYCC_TYPE21BIT8IN)
Description	Master uses F-sequence TYPE_2_1 for 8 bit Process Data input. Process data input length = 8 bits; Output length = 0 bit. Based on this information the Master shall select F-sequence TYPE_2_1. Parameterize Master to Process Data length input = 8 bits and output = 0 bit. Set Process Data length input = 8 bits and output = 0 bit in the Direct Parameterpage 1 of Master-Tester ("Device").
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:15.662
End of execution	2017-06-08 14:33:29.842

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state. Adress 0x02h: Min Cycle Time = 0x14 = 2ms Adress 0x03h: Frame Capability = 0x00 = no ISDU, no Type1, PHY2 supported Adress 0x04h: IO-Link Revision ID = 0x10 = V1.0 Adress 0x05h: Process Data In = 0x48 = Sensor / Actuator (8 Bits) with SIO Adress 0x06h: Process Data Out = 0x08 = 8 Bits
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:15.724
End of execution	2017-06-08 14:33:17.986
GD state	GDStandardState

Type	GD Configuration
Name	
Description	COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 0 Byte Aktor no SIO, ISDU not supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:18.049
End of execution	2017-06-08 14:33:18.610
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	0
SIO mode supported	No
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:18.673
End of execution	2017-06-08 14:33:18.673

Type	DUT Configuration
Name	8 Bit Input and Zero Output
Description	Configures the DUT with a predefined configuration set (8 Bit process data in and zero output)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:18.735
End of execution	2017-06-08 14:33:18.735
Configuration set	default_1ByteSensor_0ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:18.798
End of execution	2017-06-08 14:33:18.798

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:33:18.860
End of execution	2017-06-08 14:33:27.986
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:28.048
End of execution	2017-06-08 14:33:28.298
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Log communication
Description	Prepares the GD to log all IO-Link telegrams. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:28.360
End of execution	2017-06-08 14:33:28.532
GD state	GDMonitorMode

Type	Check Monitor frame
Name	Check frame type 2.1
Description	Checks if the DUT sends a IOL frame of type 2 to the GD and transmits a minimum amount of process data telegrams. This indicates that the DUT communicates with correct frame type 2.1 and telegram is plausible. A precondition for this TO is the activation of the logging mode of the GD (GDLogMasterRequest)
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:28.594
End of execution	2017-06-08 14:33:29.624
Timeout [ms]	1000
Expected frame status	Ok
Source	Master
ReadWrite mode	DontCare
Used data channel	DontCare
Address	-1
Used frame type	FrameType2_1
Data received	
Expected data	
Minimum received frames	100
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	250
Expected position (latest)	-1
Clear receive queue	Yes
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	GD Prepare state
Name	Stop Log communication
Description	Prepares the GD to log all IO-Link telegrams. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:29.686
End of execution	2017-06-08 14:33:29.842
GD state	GDMonitorModeStop

Test Root : SDCI_TC_0169 (TCM_ DLPD_CYCC_TYPE22BIT16IN)

Type	Test Root
Name	SDCI_TC_0169 (TCM_ DLPD_CYCC_TYPE22BIT16IN)
Description	Master uses F-sequence TYPE_2_2 for 16 bit Process Data input. Process data input length = 16 bit; output length = 0 bit. Based on this information the Master shall select F-sequence TYPE_2_2. Parameterize Master to Process Data length input = 8 bits and output = 0 bit. Set Process Data length input = 16 bits and output = 0 bit in the Direct Parameter page 1 of the Master-Tester ("Device").
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:29.905
End of execution	2017-06-08 14:33:43.430

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state. Adress 0x02h: Min Cycle Time = 0x14 = 2ms Adress 0x03h: Frame Capability = 0x00 = no ISDU, no Type1, PHY2 supported Adress 0x04h: IO-Link Revision ID = 0x10 = V1.0 Adress 0x05h: Process Data In = 0x48 = Sensor / Actuator (8 Bits) with SIO Adress 0x06h: Process Data Out = 0x08 = 8 Bits
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:29.967
End of execution	2017-06-08 14:33:31.371
GD state	GDStandardState

Type	GD Configuration
Name	
Description	COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 2Byte Sensor, 0 Byte Aktor no SIO, ISDU not supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:31.434
End of execution	2017-06-08 14:33:31.995
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	16
PD Out Length [Bit]	0
SIO mode supported	No
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:32.058
End of execution	2017-06-08 14:33:32.151

Type	DUT Configuration
Name	16 Bit Input and Zero Output
Description	Configures the DUT with a predefined configuration set (16 Bit process data in and zero output)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:32.214
End of execution	2017-06-08 14:33:32.214
Configuration set	default_2ByteSensor_0ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:32.276
End of execution	2017-06-08 14:33:32.276
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:33:32.338
End of execution	2017-06-08 14:33:41.464
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:41.527
End of execution	2017-06-08 14:33:41.886
Timeout [ms]	3000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Log communication
Description	Prepares the GD to log all IO-Link telegrams. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:41.948
End of execution	2017-06-08 14:33:42.120
GD state	GDMonitorMode
Type	Check Monitor frame
Name	Check frame type 2.2
Description	Checks if the DUT sends a IOL frame of type 2 to the GD and transmits a minimum amount of process data telegrams. This indicates that the DUT communicates with correct frame type 2.2 and telegram is plausible. A precondition for this TO is the activation of the logging mode of the GD (GDLogMasterRequest)
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:42.182
End of execution	2017-06-08 14:33:43.212
Timeout [ms]	1000
Expected frame status	Ok
Source	Master
ReadWrite mode	DontCare
Used data channel	DontCare
Address	-1
Used frame type	FrameType2_2
Data received	
Expected data	
Minimum received frames	100
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	251
Expected position (latest)	-1
Clear receive queue	Yes
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	GD Prepare state
Name	Stop Log communication
Description	Prepares the GD to log all IO-Link telegrams. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:43.274
End of execution	2017-06-08 14:33:43.430
GD state	GDMonitorModeStop

Test Root : SDCI_TC_0170 (TCM_ DLPD_CYCC_TYPE23BIT8OUT)

Type	Test Root
Name	SDCI_TC_0170 (TCM_ DLPD_CYCC_TYPE23BIT8OUT)
Description	Master uses F-sequence TYPE_2_3 for 8 bit Process Data output. Process data input length = 0 bit; output length = 8 bit. Based on this information the Master shall select F-sequence TYPE_2_3. Parameterize Master to Process Data length input = 0 bit and output = 8 bit. Set Process Data length input = 0 bit and out-put = 8 bit in the Direct Parameterpage 1 of Master-Tester ("Device").
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:43.492
End of execution	2017-06-08 14:33:57.018

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state. Adress 0x02h: Min Cycle Time = 0x14 = 2ms Adress 0x03h: Frame Capability = 0x00 = no ISDU, no Type1, PHY2 supported Adress 0x04h: IO-Link Revision ID = 0x10 = V1.0 Adress 0x05h: Process Data In = 0x48 = Sensor / Actuator (8 Bits) with SIO Adress 0x06h: Process Data Out = 0x08 = 8 Bits
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:43.555
End of execution	2017-06-08 14:33:44.959
GD state	GDStandardState

Type	GD Configuration
Name	
Description	COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 0Byte Sensor, 1 Byte Aktor no SIO, ISDU not supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:45.021
End of execution	2017-06-08 14:33:45.583
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	0
PD Out Length [Bit]	8
SIO mode supported	No
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:45.645
End of execution	2017-06-08 14:33:45.755

Type	DUT Configuration
Name	Zero Bit Input and 8 Bit Output
Description	Configures the DUT with a predefined configuration set (zero process data in and 8 Bit output)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:45.817
End of execution	2017-06-08 14:33:45.817
Configuration set	default_0ByteSensor_1ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:45.879
End of execution	2017-06-08 14:33:45.879
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:33:45.942
End of execution	2017-06-08 14:33:55.068
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:55.130
End of execution	2017-06-08 14:33:55.473
Timeout [ms]	3000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Log communication
Description	Prepares the GD to log all IO-Link telegrams. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:55.536
End of execution	2017-06-08 14:33:55.707
GD state	GDMonitorMode
Type	Check Monitor frame
Name	Check frame type 2.3
Description	Checks if the DUT sends a IOL frame of type 2 to the GD and transmits a minimum amount of process data telegrams. This indicates that the DUT communicates with correct frame type 2.3 and telegram is plausible. A precondition for this TO is the activation of the logging mode of the GD (GDLogMasterRequest)
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:55.770
End of execution	2017-06-08 14:33:56.799
Timeout [ms]	1000
Expected frame status	Ok
Source	Master
ReadWrite mode	DontCare
Used data channel	DontCare
Address	-1
Used frame type	FrameType2_3
Data received	0x00
Expected data	
Minimum received frames	100
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	251
Expected position (latest)	-1
Clear receive queue	Yes
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	GD Prepare state
Name	Stop Log communication
Description	Prepares the GD to log all IO-Link telegrams. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:56.862
End of execution	2017-06-08 14:33:57.018
GD state	GDMonitorModeStop

Test Root : SDCI_TC_171 (TCM_ DLPD_CYCC_TYPE24BIT16OUT)

Type	Test Root
Name	SDCI_TC_171 (TCM_ DLPD_CYCC_TYPE24BIT16OUT)
Description	Master uses F-sequence TYPE_2_4 for 16 bit Process Data output. Process data input length = 0 bit; output length = 16 bit. Based on this information the Master shall select F-sequence TYPE_2_4. Parameterize Master to Process Data length input = 0 bit and output = 16 bit. Set Process Data length input = 0 bit and output = 16 bit in the Direct Parameter page 1 of the Master-Tester ("Device").
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:57.080
End of execution	2017-06-08 14:34:10.605

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state. Adress 0x02h: Min Cycle Time = 0x14 = 2ms Adress 0x03h: Frame Capability = 0x00 = no ISDU, no Type1, PHY2 supported Adress 0x04h: IO-Link Revision ID = 0x10 = V1.0 Adress 0x05h: Process Data In = 0x48 = Sensor / Actuator (8 Bits) with SIO Adress 0x06h: Process Data Out = 0x08 = 8 Bits
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:57.143
End of execution	2017-06-08 14:33:58.547
GD state	GDStandardState

Type	GD Configuration
Name	
Description	COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 0Byte Sensor, 2 Byte Aktor no SIO, ISDU not supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:58.609
End of execution	2017-06-08 14:33:59.171
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	0
PD Out Length [Bit]	16
SIO mode supported	No
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:59.233
End of execution	2017-06-08 14:33:59.358

Type	DUT Configuration
Name	Zero Bit Input and 16 Bit Output
Description	Configures the DUT with a predefined configuration set (zero process data in and 16 Bit output)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:59.420
End of execution	2017-06-08 14:33:59.420
Configuration set	default_0ByteSensor_2ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:59.483
End of execution	2017-06-08 14:33:59.483
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:33:59.545
End of execution	2017-06-08 14:34:08.671
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:08.733
End of execution	2017-06-08 14:34:09.061
Timeout [ms]	3000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Log communication
Description	Prepares the GD to log all IO-Link telegrams. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:09.123
End of execution	2017-06-08 14:34:09.295
GD state	GDMonitorMode
Type	Check Monitor frame
Name	Check frame type 2.4
Description	Checks if the DUT sends a IOL frame of type 2 to the GD and transmits a minimum amount of process data telegrams. This indicates that the DUT communicates with correct frame type 2.4 and telegram is plausible. A precondition for this TO is the activation of the logging mode of the GD (GDLogMasterRequest)
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:09.357
End of execution	2017-06-08 14:34:10.387
Timeout [ms]	1000
Expected frame status	Ok
Source	Master
ReadWrite mode	DontCare
Used data channel	DontCare
Address	-1
Used frame type	FrameType2_4
Data received	0x00,0x00
Expected data	
Minimum received frames	100
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	250
Expected position (latest)	-1
Clear receive queue	Yes
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	GD Prepare state
Name	Stop Log communication
Description	Prepares the GD to log all IO-Link telegrams. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:10.449
End of execution	2017-06-08 14:34:10.605
GD state	GDMonitorModeStop

Test Root : SDCI_TC_172 (TCM_ DLPD_CYCC_TYPE25BIT8INBIT8OUT)

Type	Test Root
Name	SDCI_TC_172 (TCM_ DLPD_CYCC_TYPE25BIT8INBIT8OUT)
Description	Master uses F-sequence TYPE_2_5 for 8/8 bit Process Data in/output. Master shall select F-sequence TYPE_2_5. Parameterize Master to Process Data length input = 8 bit and output = 8 bit. Set Process Data length input = 8 bit and out-put = 8 bit in the Direct Parameter page 1 of the Master-Tester ("Device").
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:10.668
End of execution	2017-06-08 14:34:24.193

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state. Adress 0x02h: Min Cycle Time = 0x14 = 2ms Adress 0x03h: Frame Capability = 0x00 = no ISDU, no Type1, PHY2 supported Adress 0x04h: IO-Link Revision ID = 0x10 = V1.0 Adress 0x05h: Process Data In = 0x48 = Sensor / Actuator (8 Bits) with SIO Adress 0x06h: Process Data Out = 0x08 = 8 Bits
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:10.730
End of execution	2017-06-08 14:34:12.134
GD state	GDStandardState

Type	GD Configuration
Name	
Description	COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU not supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:12.197
End of execution	2017-06-08 14:34:12.758
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	No
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:12.821
End of execution	2017-06-08 14:34:12.899

Type	DUT Configuration

Name	8 Bit Input and 8 Bit Output
Description	Configures the DUT with a predefined configuration set (8 Bit process data in and 8 Bit output)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:12.961
End of execution	2017-06-08 14:34:12.977
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:13.039
End of execution	2017-06-08 14:34:13.039

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:34:13.101
End of execution	2017-06-08 14:34:22.227
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:22.290
End of execution	2017-06-08 14:34:22.649
Timeout [ms]	3000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Log communication
Description	Prepares the GD to log all IO-Link telegrams. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:22.711
End of execution	2017-06-08 14:34:22.883
GD state	GDMonitorMode

Type	Check Monitor frame
Name	Check frame type 2.5
Description	Checks if the DUT sends a IOL frame of type 2 to the GD and transmits a minimum amount of process data telegrams. This indicates that the DUT communicates with correct frame type 2.5 and telegram is plausible. A precondition for this TO is the activation of the logging mode of the GD (GDLogMasterRequest)
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:22.945
End of execution	2017-06-08 14:34:23.975
Timeout [ms]	1000
Expected frame status	Ok
Source	Master
ReadWrite mode	DontCare
Used data channel	DontCare
Address	-1
Used frame type	FrameType2_5
Data received	0x00
Expected data	
Minimum received frames	100
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	251
Expected position (latest)	-1
Clear receive queue	Yes
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	GD Prepare state
Name	Stop Log communication
Description	Prepares the GD to log all IO-Link telegrams. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:24.037
End of execution	2017-06-08 14:34:24.193
GD state	GDMonitorModeStop

Test Root : SDCI_TC_298 (TCM_ DLPD_CYCC_TYPE26BIT16INBIT16OUT)

Type	Test Root
Name	SDCI_TC_298 (TCM_ DLPD_CYCC_TYPE26BIT16INBIT16OUT)
Description	Master uses F-sequence TYPE_2_6 for 16/16 bit Process Data in/output. Master shall select F-sequence TYPE_2_6. Parameterize Master to Process Data length input = 16 bit and output = 16 bit. Set Process Data length input = 16 bit and output = 16 bit in the Direct Parameter page 1 of the Master-Tester ("Device").
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:24.255
End of execution	2017-06-08 14:34:37.781

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state. Adress 0x02h: Min Cycle Time = 0x14 = 2ms Adress 0x03h: Frame Capability = 0x00 = no ISDU, no Type1, PHY2 supported Adress 0x04h: IO-Link Revision ID = 0x10 = V1.0 Adress 0x05h: Process Data In = 0x48 = Sensor / Actuator (8 Bits) with SIO Adress 0x06h: Process Data Out = 0x08 = 8 Bits
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:24.318
End of execution	2017-06-08 14:34:25.722
GD state	GDStandardState

Type	GD Configuration
Name	
Description	COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU not supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:25.784
End of execution	2017-06-08 14:34:26.346
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	16
PD Out Length [Bit]	16
SIO mode supported	No
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:26.408
End of execution	2017-06-08 14:34:26.517

Type	DUT Configuration

Name	16 Bit Input and 16 Bit Output
Description	Configures the DUT with a predefined configuration set (16 Bit process data in and 16 Bit output)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:26.580
End of execution	2017-06-08 14:34:26.580
Configuration set	default_2ByteSensor_2ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:26.642
End of execution	2017-06-08 14:34:26.642
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:34:26.705
End of execution	2017-06-08 14:34:35.831
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:35.893
End of execution	2017-06-08 14:34:36.236
Timeout [ms]	3000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Log communication
Description	Prepares the GD to log all IO-Link telegrams. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:36.299
End of execution	2017-06-08 14:34:36.470
GD state	GDMonitorMode
Type	Check Monitor frame
Name	Check frame type 2.6
Description	Checks if the DUT sends a IOL frame of type 2 to the GD and transmits a minimum amount of process data telegrams. This indicates that the DUT communicates with correct frame type 2.6 and telegram is plausible. A precondition for this TO is the activation of the logging mode of the GD (GDLogMasterRequest)
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:36.533
End of execution	2017-06-08 14:34:37.562
Timeout [ms]	1000
Expected frame status	Ok
Source	Master
ReadWrite mode	DontCare
Used data channel	DontCare
Address	-1
Used frame type	FrameType2_6
Data received	0x00,0x00
Expected data	
Minimum received frames	100
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	250
Expected position (latest)	-1
Clear receive queue	Yes
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	GD Prepare state
Name	Stop Log communication
Description	Prepares the GD to log all IO-Link telegrams. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:37.625
End of execution	2017-06-08 14:34:37.781
GD state	GDMonitorModeStop

Test Root : SDCI_TC_173 (TCM_ DLPD_CYCC_TYPE1BIT256IN)

Type	Test Root
Name	SDCI_TC_173 (TCM_ DLPD_CYCC_TYPE1BIT256IN)
Description	Master uses F-sequence TYPE_1 for 256 bit Process Data input. Process data input length = 256 bit; output length = 0 bit. Based on this information the Master shall select F-sequence TYPE_1. Parameterize Master to Process Data length input = 256 bit and output = 0 bit. Set Process Data length input = 256 bit and output = 0 bit in the Direct Parameter page 1 of the Master-Tester ("Device").
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:37.843
End of execution	2017-06-08 14:34:51.368

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state. Adress 0x02h: Min Cycle Time = 0x14 = 2ms Adress 0x03h: Frame Capability = 0x00 = no ISDU, no Type1, PHY2 supported Adress 0x04h: IO-Link Revision ID = 0x10 = V1.0 Adress 0x05h: Process Data In = 0x48 = Sensor / Actuator (8 Bits) with SIO Adress 0x06h: Process Data Out = 0x08 = 8 Bits
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:37.905
End of execution	2017-06-08 14:34:39.309
GD state	GDStandardState

Type	GD Configuration
Name	
Description	COM2 MinCycleTime 4ms 32Byte Sensor, 0 Byte Aktor no SIO, ISDU not supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:39.372
End of execution	2017-06-08 14:34:39.933
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	256
PD Out Length [Bit]	0
SIO mode supported	No
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:39.996
End of execution	2017-06-08 14:34:40.183

Type	DUT Configuration
Name	256 Bit Input and Zero Output
Description	Configures the DUT with a predefined configuration set (256 Bit process data in and zero output)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:40.245
End of execution	2017-06-08 14:34:40.245
Configuration set	default_32ByteSensor_0ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:40.308
End of execution	2017-06-08 14:34:40.308
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:34:40.370
End of execution	2017-06-08 14:34:49.496
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:49.559
End of execution	2017-06-08 14:34:49.824
Timeout [ms]	3000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Log communication
Description	Prepares the GD to log all IO-Link telegrams. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:49.886
End of execution	2017-06-08 14:34:50.058
GD state	GDMonitorMode
Type	Check Monitor frame
Name	Check frame Type 1
Description	Checks if the DUT sends a IOL frame of type 1 to the GD and transmits a minimum amount of process data telegrams. This indicates that the DUT communicates with correct frame type 1 and telegram is plausible. A precondition for this TO is the activation of the logging mode of the GD (GDLogMasterRequest)
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:50.120
End of execution	2017-06-08 14:34:51.150
Timeout [ms]	1000
Expected frame status	Ok
Source	Master
ReadWrite mode	DontCare
Used data channel	DontCare
Address	-1
Used frame type	FrameType1
Data received	
Expected data	
Minimum received frames	100
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	250
Expected position (latest)	-1
Clear receive queue	Yes
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	GD Prepare state
Name	Stop Log communication
Description	Prepares the GD to log all IO-Link telegrams. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:51.212
End of execution	2017-06-08 14:34:51.368
GD state	GDMonitorModeStop

Test Root : SDCI_TC_0174 (TCM_ DLPD_CYCC_WATCHDOG)

Type	Test Root
Name	SDCI_TC_0174 (TCM_ DLPD_CYCC_WATCHDOG)
Description	Master behaviour in case of no Device response. In case of no Device response the Master shall wait until a watchdog time expires and then repeat the last message. After a second repetition the Master shall estab-lish a new connection.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:51.431
End of execution	2017-06-08 14:35:06.407

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:51.493
End of execution	2017-06-08 14:35:03.614
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:51.758
End of execution	2017-06-08 14:34:53.100
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:53.162
End of execution	2017-06-08 14:34:53.724
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:53.786
End of execution	2017-06-08 14:34:53.942

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:54.005
End of execution	2017-06-08 14:34:54.005
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:34:54.067
End of execution	2017-06-08 14:34:54.067

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:34:54.129
End of execution	2017-06-08 14:35:03.255
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:03.318
End of execution	2017-06-08 14:35:03.614
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Monitor
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:03.677
End of execution	2017-06-08 14:35:03.848
GD state	GDMonitorMode

Type	GD Error answer state
Name	Silent
Description	Sets the GD in a silent/error mode with no answer for all requests.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:03.911
End of execution	2017-06-08 14:35:04.145
Type	AnyRequest
Mode	NoAnswer
Count of answers	1

Type	Check Port restart
Name	
Description	Checks if the DUT tries restart (s). Interprets the logged master requests. Precondition: GD must log the master requests. CTOGDLogMasterRequest
State	Successful
State info	Port startup successful detected.
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:04.207
End of execution	2017-06-08 14:35:06.407
Timeout [ms]	2000
Alternative no communication	Yes

Test Root : SDCI_TC_0175 (TCM_ DLPD_CYCC_CHECKSUMWRONG)

Type	Test Root
Name	SDCI_TC_0175 (TCM_ DLPD_CYCC_CHECKSUMWRONG)
Description	Master behaviour to wrong checksum in Device response. In case of a wrong checksum value in the "Device" response the Master shall repeat the last message. After a second repetition the Master shall establish a new connec-tion.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:06.469
End of execution	2017-06-08 14:35:24.206

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:06.531
End of execution	2017-06-08 14:35:18.575
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:06.797
End of execution	2017-06-08 14:35:08.076
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:08.138
End of execution	2017-06-08 14:35:08.684
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:08.747
End of execution	2017-06-08 14:35:08.934

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:08.996
End of execution	2017-06-08 14:35:08.996
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:09.059
End of execution	2017-06-08 14:35:09.059

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:35:09.121
End of execution	2017-06-08 14:35:18.247
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:18.309
End of execution	2017-06-08 14:35:18.575
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Monitor
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:18.637
End of execution	2017-06-08 14:35:18.809
GD state	GDMonitorMode

Type	GD Error answer state
Name	Wrong CS
Description	Sets the GD in a silent/error mode with no answer for all requests.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:18.871
End of execution	2017-06-08 14:35:19.105
Type	OnlyWhileOperate
Mode	WrongCS
Count of answers	3
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:19.167
End of execution	2017-06-08 14:35:22.007
Timeout [ms]	8000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	Check Port restart
Name	
Description	Checks if the DUT tries restart (s). Interprets the logged master requests. Precondition: GD must log the master requests. CTOGDLogMasterRequest
State	Successful
State info	Port startup successful detected.
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:22.069
End of execution	2017-06-08 14:35:24.206
Timeout [ms]	2000
Alternative no communication	Yes

Test Root : SDCI_TC_0176 (TCM_ DLPD_CYCC_MIRROREDPD)

Type	Test Root
Name	SDCI_TC_0176 (TCM_ DLPD_CYCC_MIRROREDPD)
Description	Master reads mirrored input/output Process Data from Device. Master-Tester ("Device") mirrors its Process Data such that the Master can check the consistency.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:24.269
End of execution	2017-06-08 14:35:42.989

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:24.331
End of execution	2017-06-08 14:35:25.673
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:25.735
End of execution	2017-06-08 14:35:26.281
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	12000
PD In Length [Bit]	128
PD Out Length [Bit]	128
SIO mode supported	No
ISDU supported	Yes
Operate Frame type	VALUE_5
PreOperate Frame type	TYPE_0

Type	GD Prepare state
Name	LoopBack PD
Description	Prepares the GD to answer with the incoming process data. Precondition: GD configured as Actor/Sensor (input/output data with the same length)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:26.343
End of execution	2017-06-08 14:35:26.577
GD state	GDLoopBackPDState

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	

Start of execution	2017-06-08 14:35:26.640
End of execution	2017-06-08 14:35:26.718
Type	DUT Configuration
Name	16 Byte Input and 16 Byte Output
Description	Configures the DUT with a predefined configuration set (Process data in/output length is 16 byte)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:26.780
End of execution	2017-06-08 14:35:26.780
Configuration set	default_16ByteSensor_16ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:26.843
End of execution	2017-06-08 14:35:26.843
Type	DUT Port Status
Name	Scan Mode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:35:26.905
End of execution	2017-06-08 14:35:36.031
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:36.093
End of execution	2017-06-08 14:35:36.281
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	Loop
Name	
Description	Iterates over all child items
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:36.343
End of execution	2017-06-08 14:35:42.989
Count of loops	3
Current executed loop	3

Type	DUT PD Write
Name	
Description	Wrtes dummy process data via the DUT to the GD. Random values are used.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:40.836
End of execution	2017-06-08 14:35:40.836
Port ID	-1
Data	
	0x68,0x8C,0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E; 0xBE,0x08,0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E; 0xA5,0xD0,0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E

Type	Wait
Name	
Description	
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:40.898
End of execution	2017-06-08 14:35:42.926
Wait time [ms]	2000

Type	DUT PD Read
Name	Verify loopback data
Description	Reads process data via the DUT from the GD. Expect the written process data.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:42.989
End of execution	2017-06-08 14:35:42.989
Port ID	-1
Data	
	0x68,0x8C,0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E; 0xBE,0x08,0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E; 0xA5,0xD0,0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E
Expected data	
	0x68,0x8C,0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E; 0xBE,0x08,0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E; 0xA5,0xD0,0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E
Empty data expected	No

Test Root : SDCI_TC_0177 (TCM_ DLPD_CYCC_PDINVALID)

Type	Test Root
Name	SDCI_TC_0177 (TCM_ DLPD_CYCC_PDINVALID)
Description	Master propagates "PD invalid" indication in a correct manner. Test PDValid – PDInvalid transition.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:43.051
End of execution	2017-06-08 14:36:00.164

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:43.114
End of execution	2017-06-08 14:35:55.360
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:43.348
End of execution	2017-06-08 14:35:44.845
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:44.908
End of execution	2017-06-08 14:35:45.469
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 14:35:45.532
End of execution	2017-06-08 14:35:45.688

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:45.750
End of execution	2017-06-08 14:35:45.750
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:45.812
End of execution	2017-06-08 14:35:45.812

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:35:45.875
End of execution	2017-06-08 14:35:55.001
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:55.063
End of execution	2017-06-08 14:35:55.360
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD PD Write
Name	High
Description	Writes outgoing process data to the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:55.422
End of execution	2017-06-08 14:35:55.609
Data	0xFF

Type	GD Prepare state
Name	PD invalid
Description	Sets the GD in the default state.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:55.672
End of execution	2017-06-08 14:35:55.906
GD state	GDSetPDInvalidState

Type	Wait
Name	
Description	Wait some time
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:35:55.968
End of execution	2017-06-08 14:36:00.024
Wait time [ms]	4000

Type	DUT Event Wait
Name	
Description	Waits for an (optional) error
State	Deactivated
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	0001-01-01 00:00:00.000
End of execution	0001-01-01 00:00:00.000
Wait time [ms]	0
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	-1
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	

Type	DUT PD Read
Name	
Description	Reads process data via the DUT from the GD. Precondition: The System data exchange mode must be started (-> CTODUTDataExchangeStart)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:00.086
End of execution	2017-06-08 14:36:00.086
Port ID	-1
Data	0x00
Expected data	
Empty data expected	No

Type	DUT Check PD Valid state
Name	Check PD Valid state of DUT
Description	Check PD Valid state of DUT either by asking the user or reads automatic via DUT IF Dll if implemented.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:00.149
End of execution	2017-06-08 14:36:00.164
Information source	DUTIF
Port ID	-1
Expected result	PDINVALID
Result	PDINVALID

Test Root : SDCI_TC_0178 (TCM_ DLPD_CYCC_PDVALID)

Type	Test Root
Name	SDCI_TC_0178 (TCM_ DLPD_CYCC_PDVALID)
Description	Master propagates "PDValid" indication in a correct manner. Test if PDInvalid – PDValid transition was handled correctly.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:00.227
End of execution	2017-06-08 14:36:21.724

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:00.289
End of execution	2017-06-08 14:36:12.395
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:00.539
End of execution	2017-06-08 14:36:01.896
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:01.958
End of execution	2017-06-08 14:36:02.504
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 14:36:02.567
End of execution	2017-06-08 14:36:02.660

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:02.723
End of execution	2017-06-08 14:36:02.723
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:02.785
End of execution	2017-06-08 14:36:02.785

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:36:02.848
End of execution	2017-06-08 14:36:11.974
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:12.036
End of execution	2017-06-08 14:36:12.395
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD PD Write
Name	High
Description	Writes outgoing process data to the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:12.457
End of execution	2017-06-08 14:36:12.629
Data	0xFF

Type	GD Prepare state
Name	PD invalid
Description	Sets the GD in the default state.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:12.644
End of execution	2017-06-08 14:36:12.925
GD state	GDSetPDInvalidState

Type	Wait
Name	
Description	My Wait Description
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:12.988
End of execution	2017-06-08 14:36:17.044
Wait time [ms]	4000

Type	DUT Event Wait
Name	
Description	Waits for an (optional) error
State	Deactivated
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	0001-01-01 00:00:00.000
End of execution	0001-01-01 00:00:00.000
Wait time [ms]	0
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	-1
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	

Type	DUT PD Read
Name	
Description	Reads process data via the DUT from the GD. Precondition: The System data exchange mode must be started (-> CTODUTDataExchangeStart)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:17.106
End of execution	2017-06-08 14:36:17.106
Port ID	-1
Data	0x00
Expected data	
Empty data expected	No

Type	DUT Check PD Valid state
Name	Check PD Valid state of DUT
Description	Check PD Valid state of DUT either by asking the user or reads automatic via DUT IF Dll if implemented.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:17.168
End of execution	2017-06-08 14:36:17.168
Information source	DUTIF
Port ID	-1
Expected result	PDINVALID
Result	PDINVALID

Type	GD Prepare state
Name	PD valid
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 14:36:17.231
End of execution	2017-06-08 14:36:17.480
GD state	GDSetPDValidState
Type	Wait
Name	
Description	My Wait Description
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:17.543
End of execution	2017-06-08 14:36:21.599
Wait time [ms]	4000
Type	DUT PD Read
Name	
Description	Reads process data via the DUT from the GD. Precondition: The System data exchange mode must be started (-> CTODUTDataExchangeStart)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:21.661
End of execution	2017-06-08 14:36:21.661
Port ID	-1
Data	0xFF
Expected data	0xFF
Empty data expected	No
Type	DUT Check PD Valid state
Name	Check PD Valid state of DUT
Description	Check PD Valid state of DUT either by asking the user or reads automatic via DUT IF Dll if implemented.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:36:21.724
End of execution	2017-06-08 14:36:21.724
Information source	DUTIF
Port ID	-1
Expected result	PDVALID
Result	PDVALID

Test Root : SDCI_TC_0179 (TCM_DLOD_CYCC_TYPE2VPDXOD1)

Type	Test Root
Name	SDCI_TC_0179 (TCM_DLOD_CYCC_TYPE2VPDXOD1)
Description	Check whether Master uses TYPE_2_V for several in/output PD and 1 octet OD. Check whether Master uses TYPE_2_V for several in/output Process Data and 1 octet OD. The Master receives the information about the target F-sequence type via address 0x03 (F-sequenceCapability), 0x05 (ProcessDataIn), and 0x06 (ProcessDataOut) out of the Direct Parameter page 1.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:15.397
End of execution	2017-06-08 14:28:14.457

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:15.460
End of execution	2017-06-08 14:26:29.827
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:15.709
End of execution	2017-06-08 14:26:18.096
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:18.159
End of execution	2017-06-08 14:26:18.517
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:18.580
End of execution	2017-06-08 14:26:20.233

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:20.296
End of execution	2017-06-08 14:26:20.296
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:20.358
End of execution	2017-06-08 14:26:20.358

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:26:20.421
End of execution	2017-06-08 14:26:29.547
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:29.609
End of execution	2017-06-08 14:26:29.827
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	Loop
Name	
Description	Iterates over all child items
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:29.890
End of execution	2017-06-08 14:28:14.457
Count of loops	5
Current executed loop	5

Type	DUT Port Status

Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:27:53.584
End of execution	2017-06-08 14:27:56.626
Port ID	-1
Port Status	Fallback

Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:27:56.688
End of execution	2017-06-08 14:27:57.063
Timeout [ms]	3000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM; NO_COM; NO_COM; NO_COM; NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0; 0; 0

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:27:57.125
End of execution	2017-06-08 14:27:58.529
GD state	GDStandardState

Type	GD PD Write
Name	
Description	Writes outgoing process data to the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:27:58.591
End of execution	2017-06-08 14:27:58.841
Data	0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E,0x0F,0x10,0x11,

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:27:58.903
End of execution	2017-06-08 14:27:59.465
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No

Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	16000; 16000; 49600; 16000; 20000
PD In Length [Bit]	8; 24; 256; 48; 0
PD Out Length [Bit]	24; 8; 256; 0; 160
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_4
PreOperate Frame type	TYPE_0
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:27:59.527
End of execution	2017-06-08 14:27:59.668
Type	DUT Configuration
Name	
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:27:59.730
End of execution	2017-06-08 14:27:59.730
Configuration set	default_1ByteSensor_3ByteAktor; default_3ByteSensor_1ByteAktor; default_32ByteSensor_32ByteAktor; default_6ByteSensor_0ByteAktor; default_0ByteSensor_20ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:27:59.793
End of execution	2017-06-08 14:27:59.793
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:27:59.855
End of execution	2017-06-08 14:28:08.981
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:28:09.044
End of execution	2017-06-08 14:28:09.356
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE

Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE; OPERATE; OPERATE; OPERATE; OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0; 0; 0
Type	GD Prepare state
Name	Log communication
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:28:09.418
End of execution	2017-06-08 14:28:09.605
GD state	GDMonitorMode
Type	GD ISDU Write
Name	
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:28:09.668
End of execution	2017-06-08 14:28:10.214
Response service	0
Index	24
Subindex	0
Data	0x00
Type	DUT ISDU Write
Name	
Description	Executes a ISDU Write Service via the DUT
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:28:10.276
End of execution	2017-06-08 14:28:11.930
Port ID	-1
Index	24
Subindex	0
Data	0xBF
Type	DUT ISDU Read
Name	
Description	Executes a ISDU Read Service via the DUT
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:28:11.992
End of execution	2017-06-08 14:28:13.022
Port ID	-1
Index	24
Subindex	0
Data received	0xBF; 0xBF; 0xBF; 0xBF; 0xBF
Expected data	0xBF
Empty data expected	No
Type	DUT PD Read
Name	
Description	Reads process data via the DUT from the GD. Precondition: The System data exchange mode must be started (-> CTODUTDataExchangeStart)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:28:13.084
End of execution	2017-06-08 14:28:13.084
Port ID	-1

Data	0x01; 0x01,0x02,0x03; 0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E,0x0F,0x10,0x11, 0x01,0x02,0x03,0x04,0x05,0x06
Expected data	0x01; 0x01,0x02,0x03; 0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E,0x0F,0x10,0x11, 0x01,0x02,0x03,0x04,0x05,0x06
Empty data expected	No; No; No; No; Yes
Type	GD Prepare state
Name	Stop logging communication
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:28:13.146
End of execution	2017-06-08 14:28:13.349
GD state	GDMonitorModeStop
Type	Check Monitor frame
Name	2_V
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:28:13.412
End of execution	2017-06-08 14:28:14.457
Timeout [ms]	1000
Expected frame status	Ok
Source	Master
ReadWrite mode	DontCare
Used data channel	DontCare
Address	-1
Used frame type	FrameType2_V
Data received	0x00,0x00,0x00; 0x00; 0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0 0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0
Expected data	
Minimum received frames	10
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	215; 215; 70; 215; 172
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Test Root : SDCI_TC_0180 (TCM_DLOD_CYCC_TYPE2VPDXOD2)

Type	Test Root
Name	SDCI_TC_0180 (TCM_DLOD_CYCC_TYPE2VPDXOD2)
Description	Check whether Master uses TYPE_2_V for several in/output PD and 2 octets OD. The Master receives the information about the target F-sequence type via address 0x03 (F-sequenceCapability), 0x05 (ProcessDataIn), and 0x06 (ProcessDataOut) out of the Direct Parameter page 1.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:28:14.519
End of execution	2017-06-08 14:29:50.506

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:28:14.582
End of execution	2017-06-08 14:28:26.812
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:28:14.831
End of execution	2017-06-08 14:28:16.298
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:28:16.360
End of execution	2017-06-08 14:28:16.922
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:28:16.984
End of execution	2017-06-08 14:28:17.156

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:28:17.218
End of execution	2017-06-08 14:28:17.218
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:28:17.280
End of execution	2017-06-08 14:28:17.280

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:28:17.343
End of execution	2017-06-08 14:28:26.469
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:28:26.531
End of execution	2017-06-08 14:28:26.812
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	Loop
Name	
Description	Iterates over all child items
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:28:26.874
End of execution	2017-06-08 14:29:50.506
Count of loops	4
Current executed loop	4

Type	DUT Port Status
Name	Fallback

Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:29:29.649
End of execution	2017-06-08 14:29:32.691
Port ID	-1
Port Status	Fallback
Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:29:32.753
End of execution	2017-06-08 14:29:33.128
Timeout [ms]	3000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM; NO_COM; NO_COM; NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0; 0
Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:29:33.190
End of execution	2017-06-08 14:29:34.594
GD state	GDStandardState
Type	GD PD Write
Name	
Description	Writes outgoing process data to the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:29:34.656
End of execution	2017-06-08 14:29:34.906
Data	0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E,0x0F,0x10,0x11,
Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:29:34.968
End of execution	2017-06-08 14:29:35.530
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No

Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	14000; 49600; 16000; 20000
PD In Length [Bit]	8; 256; 48; 0
PD Out Length [Bit]	8; 256; 0; 160
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_5
PreOperate Frame type	TYPE_1_2
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:29:35.592
End of execution	2017-06-08 14:29:35.733
Type	DUT Configuration
Name	
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:29:35.795
End of execution	2017-06-08 14:29:35.795
Configuration set	default_1ByteSensor_1ByteAktor; default_32ByteSensor_32ByteAktor; default_6ByteSensor_0ByteAktor; default_0ByteSensor_20ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:29:35.858
End of execution	2017-06-08 14:29:35.858
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:29:35.920
End of execution	2017-06-08 14:29:45.046
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:29:45.108
End of execution	2017-06-08 14:29:45.420
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE; OPERATE; OPERATE; OPERATE

Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0; 0
Type	GD Prepare state
Name	Log communication
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:29:45.483
End of execution	2017-06-08 14:29:45.670
GD state	GDMonitorMode
Type	GD ISDU Write
Name	
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:29:45.732
End of execution	2017-06-08 14:29:46.278
Response service	0
Index	24
Subindex	0
Data	0x00,0x00
Type	DUT ISDU Write
Name	
Description	Executes a ISDU Write Service via the DUT
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:29:46.341
End of execution	2017-06-08 14:29:47.994
Port ID	-1
Index	24
Subindex	0
Data	0xAA,0xBF
Type	DUT ISDU Read
Name	
Description	Executes a ISDU Read Service via the DUT
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:29:48.057
End of execution	2017-06-08 14:29:49.086
Port ID	-1
Index	24
Subindex	0
Data received	0xAA,0xBF; 0xAA,0xBF; 0xAA,0xBF; 0xAA,0xBF
Expected data	0xAA,0xBF
Empty data expected	No
Type	DUT PD Read
Name	
Description	Reads process data via the DUT from the GD. Precondition: The System data exchange mode must be started (-> CTODUTDataExchangeStart)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:29:49.149
End of execution	2017-06-08 14:29:49.149
Port ID	-1
Data	0x01;

	0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E,0x0F,0x10,0x11, 0x01,0x02,0x03,0x04,0x05,0x06
Expected data	0x01; 0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E,0x0F,0x10,0x11, 0x01,0x02,0x03,0x04,0x05,0x06
Empty data expected	No; No; No; Yes
Type	GD Prepare state
Name	Stop logging communication
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:29:49.211
End of execution	2017-06-08 14:29:49.414
GD state	GDMonitorModeStop
Type	Check Monitor frame
Name	2_V
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:29:49.476
End of execution	2017-06-08 14:29:50.506
Timeout [ms]	1000
Expected frame status	Ok
Source	Master
ReadWrite mode	DontCare
Used data channel	DontCare
Address	-1
Used frame type	FrameType2_V
Data received	0x00; 0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0 0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0
Expected data	
Minimum received frames	10
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	246; 70; 215; 172
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Test Root : SDCI_TC_0181 (TCM_DLOD_CYCC_TYPE2VPDXOD8)

Type	Test Root
Name	SDCI_TC_0181 (TCM_DLOD_CYCC_TYPE2VPDXOD8)
Description	Check whether Master uses TYPE_2_V for several in/out PD and 8 octets OD. Check whether Master uses TYPE_2_V for several in/output PD and 8 octets OD. The Master receives the information about the target F-sequence type via address 0x03 (F-sequenceCapability), 0x05 (ProcessDataIn), and 0x06 (ProcessDataOut) out of the Direct Parameter page 1.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:29:50.522
End of execution	2017-06-08 14:31:27.101

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:29:50.584
End of execution	2017-06-08 14:30:02.471
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:29:50.818
End of execution	2017-06-08 14:29:52.160
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:29:52.222
End of execution	2017-06-08 14:29:52.784
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:29:52.846
End of execution	2017-06-08 14:29:52.955

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:29:53.018
End of execution	2017-06-08 14:29:53.018
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:29:53.080
End of execution	2017-06-08 14:29:53.080

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:29:53.142
End of execution	2017-06-08 14:30:02.269
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:30:02.284
End of execution	2017-06-08 14:30:02.471
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	Loop
Name	
Description	Iterates over all child items
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:30:02.534
End of execution	2017-06-08 14:31:27.101
Count of loops	4
Current executed loop	4

Type	DUT Port Status

Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:31:06.260
End of execution	2017-06-08 14:31:09.302
Port ID	-1
Port Status	Fallback

Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:31:09.364
End of execution	2017-06-08 14:31:09.723
Timeout [ms]	3000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM; NO_COM; NO_COM; NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0; 0

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:31:09.785
End of execution	2017-06-08 14:31:11.189
GD state	GDStandardState

Type	GD PD Write
Name	
Description	Writes outgoing process data to the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:31:11.252
End of execution	2017-06-08 14:31:11.501
Data	0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E,0x0F,0x10,0x11,

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:31:11.564
End of execution	2017-06-08 14:31:12.125
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No

Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	14000; 49600; 16000; 20000
PD In Length [Bit]	8; 256; 48; 0
PD Out Length [Bit]	8; 256; 0; 160
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_6
PreOperate Frame type	TYPE_1_V_8REQ
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:31:12.188
End of execution	2017-06-08 14:31:12.297
Type	DUT Configuration
Name	
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:31:12.359
End of execution	2017-06-08 14:31:12.359
Configuration set	default_1ByteSensor_1ByteAktor; default_32ByteSensor_32ByteAktor; default_6ByteSensor_0ByteAktor; default_0ByteSensor_20ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:31:12.422
End of execution	2017-06-08 14:31:12.422
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:31:12.484
End of execution	2017-06-08 14:31:21.610
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:31:21.673
End of execution	2017-06-08 14:31:22.031
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	OPERATE

Received GD IOL status	OPERATE; OPERATE; OPERATE; OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0; 0
Type	GD Prepare state
Name	Log communication
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:31:22.094
End of execution	2017-06-08 14:31:22.265
GD state	GDMonitorMode
Type	GD ISDU Write
Name	
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:31:22.328
End of execution	2017-06-08 14:31:22.858
Response service	0
Index	24
Subindex	0
Data	0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00
Type	DUT ISDU Write
Name	
Description	Executes a ISDU Write Service via the DUT
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:31:22.921
End of execution	2017-06-08 14:31:24.574
Port ID	-1
Index	24
Subindex	0
Data	0xAA,0xBF,0x77,0x40,0x55,0xCD,0x33,0xE4
Type	DUT ISDU Read
Name	
Description	Executes a ISDU Read Service via the DUT
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:31:24.637
End of execution	2017-06-08 14:31:25.666
Port ID	-1
Index	24
Subindex	0
Data received	0xAA,0xBF,0x77,0x40,0x55,0xCD,0x33,0xE4; 0xAA,0xBF,0x77,0x40,0x55,0xCD,0x33,0xE4; 0xAA,0xBF,0x77,0x40,0x55,0xCD,0x33,0xE4; 0xAA,0xBF,0x77,0x40,0x55,0xCD,0x33,0xE4
Expected data	0xAA,0xBF,0x77,0x40,0x55,0xCD,0x33,0xE4
Empty data expected	No
Type	DUT PD Read
Name	
Description	Reads process data via the DUT from the GD. Precondition: The System data exchange mode must be started (-> CTODUTDataExchangeStart)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:31:25.729

End of execution	2017-06-08 14:31:25.729
Port ID	-1
Data	0x01; 0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E,0x0F,0x10,0x11, 0x01,0x02,0x03,0x04,0x05,0x06
Expected data	0x01; 0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E,0x0F,0x10,0x11, 0x01,0x02,0x03,0x04,0x05,0x06
Empty data expected	No; No; No; Yes
Type	GD Prepare state
Name	Stop logging communication
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:31:25.791
End of execution	2017-06-08 14:31:25.994
GD state	GDMonitorModeStop
Type	Check Monitor frame
Name	2_V
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:31:26.056
End of execution	2017-06-08 14:31:27.101
Timeout [ms]	1000
Expected frame status	Ok
Source	Master
ReadWrite mode	DontCare
Used data channel	DontCare
Address	-1
Used frame type	FrameType2_V
Data received	0x00; 0x00,0x00,0x00,

Test Root : SDCI_TC_0182 (TCM_DLOD_CYCC_TYPE2VPDXOD32)

Type	Test Root
Name	SDCI_TC_0182 (TCM_DLOD_CYCC_TYPE2VPDXOD32)
Description	Check whether Master uses TYPE_2_V for several in/out PD and 32 octets OD. Check whether Master uses TYPE_2_V for several in/out PD and 32 octets OD. The Master receives the information about the target F-sequence type via address 0x03 (F-sequenceCapability), 0x05 (ProcessDataIn), and 0x06 (ProcessDataOut) out of the Direct Parameter page 1.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:31:27.164
End of execution	2017-06-08 14:33:02.979

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:31:27.226
End of execution	2017-06-08 14:31:39.457
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:31:27.460
End of execution	2017-06-08 14:31:28.942
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:31:29.005
End of execution	2017-06-08 14:31:29.566
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:31:29.629
End of execution	2017-06-08 14:31:29.769

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:31:29.785
End of execution	2017-06-08 14:31:29.785
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:31:29.847
End of execution	2017-06-08 14:31:29.847

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:31:29.909
End of execution	2017-06-08 14:31:39.035
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:31:39.098
End of execution	2017-06-08 14:31:39.457
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	Loop
Name	
Description	Iterates over all child items
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:31:39.519
End of execution	2017-06-08 14:33:02.979
Count of loops	4
Current executed loop	4

Type	DUT Port Status

Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:32:42.122
End of execution	2017-06-08 14:32:45.164
Port ID	-1
Port Status	Fallback

Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:32:45.226
End of execution	2017-06-08 14:32:45.585
Timeout [ms]	3000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM; NO_COM; NO_COM; NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0; 0

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:32:45.648
End of execution	2017-06-08 14:32:47.052
GD state	GDStandardState

Type	GD PD Write
Name	
Description	Writes outgoing process data to the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:32:47.114
End of execution	2017-06-08 14:32:47.364
Data	0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E,0x0F,0x10,0x11,

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:32:47.426
End of execution	2017-06-08 14:32:47.988
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No

Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	14000; 59200; 16000; 20000
PD In Length [Bit]	8; 256; 48; 0
PD Out Length [Bit]	8; 256; 0; 160
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_7
PreOperate Frame type	TYPE_1_V_32REQ
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:32:48.050
End of execution	2017-06-08 14:32:48.190
Type	DUT Configuration
Name	
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:32:48.253
End of execution	2017-06-08 14:32:48.253
Configuration set	default_1ByteSensor_1ByteAktor; default_32ByteSensor_32ByteAktor; default_6ByteSensor_0ByteAktor; default_0ByteSensor_20ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:32:48.315
End of execution	2017-06-08 14:32:48.315
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:32:48.378
End of execution	2017-06-08 14:32:57.504
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:32:57.566
End of execution	2017-06-08 14:32:57.894
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	OPERATE

Received GD IOL status	OPERATE; OPERATE; OPERATE; OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0; 0
Type	GD Prepare state
Name	Log communication
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:32:57.956
End of execution	2017-06-08 14:32:58.128
GD state	GDMonitorMode
Type	GD ISDU Write
Name	
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:32:58.190
End of execution	2017-06-08 14:32:58.720
Response service	0
Index	24
Subindex	0
Data	
	0x00,0x00,0x00,

Expected data	
	0x33,0x34,0x35,0x36,0x37,0x38,0x39,0x3A,0x3B,0x3C,0x3D,0x3E,0x3F,0x40,0x41,0x42,0x43,
Empty data expected	No
Type	DUT PD Read
Name	
Description	Reads process data via the DUT from the GD. Precondition: The System data exchange mode must be started (-> CTODUTDataExchangeStart)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:01.591
End of execution	2017-06-08 14:33:01.591
Port ID	-1
Data	0x01; 0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E,0x0F,0x10,0x11, 0x01,0x02,0x03,0x04,0x05,0x06
Expected data	0x01; 0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E,0x0F,0x10,0x11, 0x01,0x02,0x03,0x04,0x05,0x06
Empty data expected	No; No; No; Yes
Type	GD Prepare state
Name	Stop logging communication
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:01.653
End of execution	2017-06-08 14:33:01.872
GD state	GDMonitorModeStop
Type	Check Monitor frame
Name	2_V
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:33:01.934
End of execution	2017-06-08 14:33:02.964
Timeout [ms]	1000
Expected frame status	Ok
Source	Master
ReadWrite mode	DontCare
Used data channel	DontCare
Address	-1
Used frame type	FrameType2_V
Data received	0x00; 0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0 0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0
Expected data	
Minimum received frames	10
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	245; 58; 215; 170
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Test Root : SDCI_TC_0183 (TCM_DLST_CHCK_COMPARAM)

Type	Test Root
Name	SDCI_TC_0183 (TCM_DLST_CHCK_COMPARAM)
Description	Check whether Master reads communication parameters 0x02 to 0x06. Checking of the correct startup for legacy Master (V1.0) and Master (= V1.1). Master reads communication parameters 0x02 to 0x06 (Direct Parameter page 1).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:45.337
End of execution	2017-06-08 14:19:13.900

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:45.399
End of execution	2017-06-08 14:18:59.954
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:45.633
End of execution	2017-06-08 14:18:48.020
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:48.082
End of execution	2017-06-08 14:18:48.644
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:48.706
End of execution	2017-06-08 14:18:50.375

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:50.438
End of execution	2017-06-08 14:18:50.438
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:50.500
End of execution	2017-06-08 14:18:50.500

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:18:50.563
End of execution	2017-06-08 14:18:59.689
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:59.751
End of execution	2017-06-08 14:18:59.954
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:00.016
End of execution	2017-06-08 14:19:03.058
Port ID	-1
Port Status	Fallback

Type	GD Get operation status
Name	NO_COM
Description	Get's the operation status of the GD.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:03.121
End of execution	2017-06-08 14:19:03.292
Timeout [ms]	4000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:03.355
End of execution	2017-06-08 14:19:03.542
GD state	GDMonitorMode
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:03.604
End of execution	2017-06-08 14:19:12.730
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:12.793
End of execution	2017-06-08 14:19:13.058
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Stop loggging frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:13.120
End of execution	2017-06-08 14:19:13.292
GD state	GDMonitorModeStop
Type	SubFunction Reference
Name	Check: Read communicaton parameter
Description	Reference to the sub function
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:13.354
End of execution	2017-06-08 14:19:13.900
Function	Check: Read communicaton parameter

Type	Check Monitor frame
Name	Address 2
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:13.588
End of execution	2017-06-08 14:19:13.588
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	0x28
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 2 (Additional)
Description	Additional read of adrdress 0x02 generates a warning
State	Successful
State info	
Expected result	DontCareWarning
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:13.651
End of execution	2017-06-08 14:19:13.651
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	
Expected data	
Minimum received frames	0
Maximum received frames	0
Stop search after max. count frames	Yes
Count of received frames	0
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 3
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 14:19:13.713
End of execution	2017-06-08 14:19:13.713
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	3
Used frame type	FrameType0
Data received	0x01
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 4
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:13.775
End of execution	2017-06-08 14:19:13.775
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	4
Used frame type	FrameType0
Data received	0x11
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 5
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:13.838
End of execution	2017-06-08 14:19:13.838
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	5
Used frame type	FrameType0
Data received	0x48
Expected data	

Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 6
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:13.900
End of execution	2017-06-08 14:19:13.900
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	6
Used frame type	FrameType0
Data received	0x08
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Test Root : SDCI_TC_0184 (TCM_DLST_CHCK_VIDDID)

Type	Test Root
Name	SDCI_TC_0184 (TCM_DLST_CHCK_VIDDID)
Description	Check whether Master adjusts to protocol V1.1 and reads VendorID and DeviceID. Master adjusts to protocol V1.1 and reads VendorID and DeviceID. Check for the right decision in respect to the protocol version.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:13.963
End of execution	2017-06-08 14:19:40.607

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:14.025
End of execution	2017-06-08 14:19:26.146
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:14.290
End of execution	2017-06-08 14:19:15.632
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:15.694
End of execution	2017-06-08 14:19:16.256
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:16.318
End of execution	2017-06-08 14:19:16.459

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:16.521
End of execution	2017-06-08 14:19:16.521
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:16.583
End of execution	2017-06-08 14:19:16.583

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:19:16.646
End of execution	2017-06-08 14:19:25.772
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:25.834
End of execution	2017-06-08 14:19:26.146
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:26.209
End of execution	2017-06-08 14:19:29.251
Port ID	-1
Port Status	Fallback

Type	GD Get operation status
Name	NO_COM
Description	Get's the operation status of the GD.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:29.313
End of execution	2017-06-08 14:19:29.500
Timeout [ms]	4000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:29.563
End of execution	2017-06-08 14:19:29.734
GD state	GDMonitorMode
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:29.797
End of execution	2017-06-08 14:19:38.923
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:38.985
End of execution	2017-06-08 14:19:39.219
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Stop loggging frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:39.281
End of execution	2017-06-08 14:19:39.453
GD state	GDMonitorModeStop
Type	SubFunction Reference
Name	Check: Read communicaton parameter
Description	Reference to the sub function
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:39.515
End of execution	2017-06-08 14:19:40.030
Function	Check: Read communicaton parameter

Type	Check Monitor frame
Name	Address 2
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:39.718
End of execution	2017-06-08 14:19:39.718
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	0x28
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 2 (Additional)
Description	Additional read of adrdress 0x02 generates a warning
State	Successful
State info	
Expected result	DontCareWarning
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:39.781
End of execution	2017-06-08 14:19:39.781
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	
Expected data	
Minimum received frames	0
Maximum received frames	0
Stop search after max. count frames	Yes
Count of received frames	0
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 3
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 14:19:39.843
End of execution	2017-06-08 14:19:39.843
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	3
Used frame type	FrameType0
Data received	0x01
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 4
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:39.905
End of execution	2017-06-08 14:19:39.905
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	4
Used frame type	FrameType0
Data received	0x11
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 5
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:39.968
End of execution	2017-06-08 14:19:39.968
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	5
Used frame type	FrameType0
Data received	0x48
Expected data	

Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 6
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:40.030
End of execution	2017-06-08 14:19:40.030
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	6
Used frame type	FrameType0
Data received	0x08
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	MasterIdent
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:40.093
End of execution	2017-06-08 14:19:40.108
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x95
Expected data	0x95
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	SubFunction Reference
Name	Check: Read VID DID
Description	Reference to the sub function
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:40.171
End of execution	2017-06-08 14:19:40.607
Function	Check: Read VID DID

Type	Check Monitor frame
Name	Address 7
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:40.358
End of execution	2017-06-08 14:19:40.358
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	7
Used frame type	FrameType0
Data received	0x01
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 8
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:40.420
End of execution	2017-06-08 14:19:40.420
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	8
Used frame type	FrameType0
Data received	0x4E
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 9
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:40.483
End of execution	2017-06-08 14:19:40.483
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	9
Used frame type	FrameType0
Data received	0x4D
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address A
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:40.545
End of execution	2017-06-08 14:19:40.545
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	10
Used frame type	FrameType0
Data received	0x47
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address B
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:40.607
End of execution	2017-06-08 14:19:40.607
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	11
Used frame type	FrameType0
Data received	0x44

Expected data		
Minimum received frames	1	
Maximum received frames	1	
Stop search after max. count frames	Yes	
Count of received frames	1	
Expected position (latest)	0	
Clear receive queue	No	
Clear receive queue up to found item		Yes
Clear ISDU receive queue up to found item		No

Test Root : SDCI_TC_0185 (TCM_DLST_CHCK_V10VIDDID)

Type	Test Root
Name	SDCI_TC_0185 (TCM_DLST_CHCK_V10VIDDID)
Description	Check whether Master adjusts to protocol V1.0 and reads VendorID and DeviceID. Check whether Master adjusts to protocol V1.0 and reads VendorID and DeviceID. Check for the right decision in respect to the protocol version.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:40.670
End of execution	2017-06-08 14:20:09.623

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:40.732
End of execution	2017-06-08 14:19:52.916
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:40.997
End of execution	2017-06-08 14:19:42.401
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:42.464
End of execution	2017-06-08 14:19:43.025
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:43.088
End of execution	2017-06-08 14:19:43.166

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:43.228
End of execution	2017-06-08 14:19:43.244
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:43.306
End of execution	2017-06-08 14:19:43.306

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:19:43.369
End of execution	2017-06-08 14:19:52.495
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:52.557
End of execution	2017-06-08 14:19:52.916
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:52.978
End of execution	2017-06-08 14:19:56.020
Port ID	-1
Port Status	Fallback

Type	GD Get operation status
Name	NO_COM
Description	Get's the operation status of the GD.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:56.083
End of execution	2017-06-08 14:19:56.270
Timeout [ms]	4000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:56.332
End of execution	2017-06-08 14:19:57.736
GD state	GDStandardState
Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:57.799
End of execution	2017-06-08 14:19:58.360
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_0
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:19:58.423
End of execution	2017-06-08 14:19:58.672
GD state	GDMonitorMode
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 14:19:58.735
End of execution	2017-06-08 14:20:07.861
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:07.923
End of execution	2017-06-08 14:20:08.157
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Stop loggging frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:08.219
End of execution	2017-06-08 14:20:08.391
GD state	GDMonitorModeStop

Type	SubFunction Reference
Name	Check: Read communicaton parameter
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:08.453
End of execution	2017-06-08 14:20:09.031
Function	Check: Read communicaton parameter

Type	Check Monitor frame
Name	Address 2
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:08.703
End of execution	2017-06-08 14:20:08.703
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	0x28
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1

Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 2 (Additional)
Description	Additional read of adrdress 0x02 generates a warning
State	Successful
State info	
Expected result	DontCareWarning
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:08.765
End of execution	2017-06-08 14:20:08.765
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	
Expected data	
Minimum received frames	0
Maximum received frames	0
Stop search after max. count frames	Yes
Count of received frames	0
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 3
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:08.828
End of execution	2017-06-08 14:20:08.843
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	3
Used frame type	FrameType0
Data received	0x01
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 4
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:08.906

End of execution	2017-06-08 14:20:08.906
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	4
Used frame type	FrameType0
Data received	0x10
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 5
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:08.968
End of execution	2017-06-08 14:20:08.968
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	5
Used frame type	FrameType0
Data received	0x48
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 6
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:09.031
End of execution	2017-06-08 14:20:09.031
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	6
Used frame type	FrameType0
Data received	0x08
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes

Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	No MasterIdent
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:09.093
End of execution	2017-06-08 14:20:09.109
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x99
Expected data	0x95
Minimum received frames	0
Maximum received frames	0
Stop search after max. count frames	No
Count of received frames	0
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	SubFunction Reference
Name	Check: Read VID DID
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:09.171
End of execution	2017-06-08 14:20:09.623
Function	Check: Read VID DID

Type	Check Monitor frame
Name	Address 7
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:09.374
End of execution	2017-06-08 14:20:09.374
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	7
Used frame type	FrameType0
Data received	0x01
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1

Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 8
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:09.436
End of execution	2017-06-08 14:20:09.436
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	8
Used frame type	FrameType0
Data received	0x4E
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 9
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:09.499
End of execution	2017-06-08 14:20:09.499
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	9
Used frame type	FrameType0
Data received	0x4D
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address A
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	

Start of execution	2017-06-08 14:20:09.561
End of execution	2017-06-08 14:20:09.561
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	10
Used frame type	FrameType0
Data received	0x47
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address B
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:09.623
End of execution	2017-06-08 14:20:09.623
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	11
Used frame type	FrameType0
Data received	0x44
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Test Root : SDCI_TC_0186 (TCM_DLST_CHCK_NONCONFVIDDID)

Type	Test Root
Name	SDCI_TC_0186 (TCM_DLST_CHCK_NONCONFVIDDID)
Description	Check whether Master performs start-up with non configured VID and DID. Check the Master behaviour with not configured VendorID and DeviceID (VendorID = 0x00, 0x00; DeviceID = 0x00, 0x00, 0x00)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:09.686
End of execution	2017-06-08 14:20:36.736

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:09.748
End of execution	2017-06-08 14:20:22.057
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:10.013
End of execution	2017-06-08 14:20:11.542
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:11.605
End of execution	2017-06-08 14:20:12.166
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:12.229
End of execution	2017-06-08 14:20:12.385

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:12.447
End of execution	2017-06-08 14:20:12.447
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:12.509
End of execution	2017-06-08 14:20:12.509

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:20:12.572
End of execution	2017-06-08 14:20:21.698
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:21.760
End of execution	2017-06-08 14:20:22.057
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:22.119
End of execution	2017-06-08 14:20:25.161
Port ID	-1
Port Status	Fallback

Type	GD Get operation status
Name	NO_COM
Description	Get's the operation status of the GD.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:25.223
End of execution	2017-06-08 14:20:25.411
Timeout [ms]	4000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:25.473
End of execution	2017-06-08 14:20:25.645
GD state	GDMonitorMode
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:25.707
End of execution	2017-06-08 14:20:34.833
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:34.896
End of execution	2017-06-08 14:20:35.130
Timeout [ms]	8000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Stop loggging frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:35.192
End of execution	2017-06-08 14:20:35.364
GD state	GDMonitorModeStop
Type	SubFunction Reference
Name	Check: Read communicaton parameter
Description	Reference to the sub function
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:35.426
End of execution	2017-06-08 14:20:35.988
Function	Check: Read communicaton parameter

Type	Check Monitor frame
Name	Address 2
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:35.676
End of execution	2017-06-08 14:20:35.676
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	0x28
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 2 (Additional)
Description	Additional read of adrdress 0x02 generates a warning
State	Successful
State info	
Expected result	DontCareWarning
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:35.738
End of execution	2017-06-08 14:20:35.738
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	
Expected data	
Minimum received frames	0
Maximum received frames	0
Stop search after max. count frames	Yes
Count of received frames	0
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 3
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 14:20:35.800
End of execution	2017-06-08 14:20:35.800
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	3
Used frame type	FrameType0
Data received	0x01
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 4
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:35.863
End of execution	2017-06-08 14:20:35.863
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	4
Used frame type	FrameType0
Data received	0x11
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 5
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:35.925
End of execution	2017-06-08 14:20:35.925
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	5
Used frame type	FrameType0
Data received	0x48
Expected data	

Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 6
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:35.988
End of execution	2017-06-08 14:20:35.988
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	6
Used frame type	FrameType0
Data received	0x08
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	MasterIdent
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:36.050
End of execution	2017-06-08 14:20:36.066
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x95
Expected data	0x95
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	SubFunction Reference
Name	Check: Read VID DID
Description	Reference to the sub function
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:36.128
End of execution	2017-06-08 14:20:36.596
Function	Check: Read VID DID

Type	Check Monitor frame
Name	Address 7
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:36.346
End of execution	2017-06-08 14:20:36.346
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	7
Used frame type	FrameType0
Data received	0x01
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 8
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:36.409
End of execution	2017-06-08 14:20:36.409
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	8
Used frame type	FrameType0
Data received	0x4E
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 9
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:36.471
End of execution	2017-06-08 14:20:36.471
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	9
Used frame type	FrameType0
Data received	0x4D
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address A
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:36.534
End of execution	2017-06-08 14:20:36.534
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	10
Used frame type	FrameType0
Data received	0x47
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address B
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:36.596
End of execution	2017-06-08 14:20:36.596
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	11
Used frame type	FrameType0
Data received	0x44

Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	DevicePreoperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:36.658
End of execution	2017-06-08 14:20:36.674
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x9A
Expected data	0x9A
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	DeviceOperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:36.736
End of execution	2017-06-08 14:20:36.736
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x99
Expected data	0x99
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Test Root : SDCI_TC_0187 (TCM_DLST_CHCK_CONFVIDDID)

Type	Test Root
Name	SDCI_TC_0187 (TCM_DLST_CHCK_CONFVIDDID)
Description	Check Master start-up behaviour with configured VendorID and DeviceID. Check Master start-up behaviour with configured VendorID and DeviceID (VendorID ? 0x00, 0x00; DeviceID ? 0x00, 0x00, 0x00).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:36.799
End of execution	2017-06-08 14:21:08.950

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:36.877
End of execution	2017-06-08 14:20:49.029
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:37.142
End of execution	2017-06-08 14:20:38.515
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:38.577
End of execution	2017-06-08 14:20:39.139
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:39.201
End of execution	2017-06-08 14:20:39.342

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:39.404
End of execution	2017-06-08 14:20:39.404
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:39.466
End of execution	2017-06-08 14:20:39.466

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:20:39.529
End of execution	2017-06-08 14:20:48.655
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:48.717
End of execution	2017-06-08 14:20:49.029
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:49.092
End of execution	2017-06-08 14:20:52.134
Port ID	-1
Port Status	Fallback

Type	GD Get operation status
Name	NO_COM
Description	Get's the operation status of the GD.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:52.196
End of execution	2017-06-08 14:20:52.383
Timeout [ms]	4000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:52.446
End of execution	2017-06-08 14:20:53.850
GD state	GDStandardState
Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:53.912
End of execution	2017-06-08 14:20:54.474
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x02A4
Device ID	0x002BD2
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:54.536
End of execution	2017-06-08 14:20:54.786
GD state	GDMonitorMode
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 14:20:54.848
End of execution	2017-06-08 14:20:54.957
Type	DUT Configuration
Name	default_Sensor_Aktor_VID_DID
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte) and defined VID/DID
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:55.020
End of execution	2017-06-08 14:20:55.020
Configuration set	default_Sensor_Aktor_VID_DID
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:20:55.082
End of execution	2017-06-08 14:20:55.082
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:20:55.144
End of execution	2017-06-08 14:21:04.270
Port ID	-1
Port Status	ScanMode
Type	Wait
Name	
Description	My Wait Description
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:04.333
End of execution	2017-06-08 14:21:07.375
Wait time [ms]	3000
Type	GD Prepare state
Name	Stop loggging frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:07.437
End of execution	2017-06-08 14:21:07.687
GD state	GDMonitorModeStop
Type	SubFunction Reference
Name	Check: Read communicaton parameter
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:07.749
End of execution	2017-06-08 14:21:08.280

Function	Check: Read communicaton parameter
Type	Check Monitor frame
Name	Address 2
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:07.968
End of execution	2017-06-08 14:21:07.968
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	0x28
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 2 (Additional)
Description	Additional read of adrdress 0x02 generates a warning
State	Successful
State info	
Expected result	DontCareWarning
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:08.030
End of execution	2017-06-08 14:21:08.030
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	
Expected data	
Minimum received frames	0
Maximum received frames	0
Stop search after max. count frames	Yes
Count of received frames	0
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 3
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:08.092
End of execution	2017-06-08 14:21:08.092
Timeout [ms]	0
Expected frame status	Ok

Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	3
Used frame type	FrameType0
Data received	0x01
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 4
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:08.155
End of execution	2017-06-08 14:21:08.155
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	4
Used frame type	FrameType0
Data received	0x11
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 5
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:08.217
End of execution	2017-06-08 14:21:08.217
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	5
Used frame type	FrameType0
Data received	0x48
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No

Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 6
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:08.280
End of execution	2017-06-08 14:21:08.280
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	6
Used frame type	FrameType0
Data received	0x08
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	MasterIdent
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:08.342
End of execution	2017-06-08 14:21:08.358
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x95
Expected data	0x95
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	SubFunction Reference
Name	Check: Read VID DID
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:08.420
End of execution	2017-06-08 14:21:08.872
Function	Check: Read VID DID

Type	Check Monitor frame
Name	Address 7
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:08.623
End of execution	2017-06-08 14:21:08.623
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	7
Used frame type	FrameType0
Data received	0x02
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 8
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:08.685
End of execution	2017-06-08 14:21:08.685
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	8
Used frame type	FrameType0
Data received	0xA4
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 9
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:08.748
End of execution	2017-06-08 14:21:08.748
Timeout [ms]	0

Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	9
Used frame type	FrameType0
Data received	0x00
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address A
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:08.810
End of execution	2017-06-08 14:21:08.810
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	10
Used frame type	FrameType0
Data received	0x2B
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address B
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:08.872
End of execution	2017-06-08 14:21:08.872
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	11
Used frame type	FrameType0
Data received	0xD2
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0

Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	DevicePreoperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:08.935
End of execution	2017-06-08 14:21:08.950
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x9A
Expected data	0x9A
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Test Root : SDCI_TC_0188 (TCM_DLST_CHCK_OVERDIDOK)

Type	Test Root
Name	SDCI_TC_0188 (TCM_DLST_CHCK_OVERDIDOK)
Description	Check Master start-up behaviour with overwrite of the DeviceID (compatible). Check Master start-up behaviour with overwrite of the DeviceID (compatible). The configured VendorID is ? 0x00, 0x00 and the DeviceID is ? 0x00, 0x00, 0x00.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:09.013
End of execution	2017-06-08 14:21:54.674

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:09.075
End of execution	2017-06-08 14:21:21.274
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:09.325
End of execution	2017-06-08 14:21:10.838
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:10.900
End of execution	2017-06-08 14:21:11.384
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:11.446
End of execution	2017-06-08 14:21:11.556

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:11.618
End of execution	2017-06-08 14:21:11.618
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:11.680
End of execution	2017-06-08 14:21:11.680

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:21:11.743
End of execution	2017-06-08 14:21:20.869
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:20.931
End of execution	2017-06-08 14:21:21.274
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:21.337
End of execution	2017-06-08 14:21:24.379
Port ID	-1
Port Status	Fallback

Type	GD Get operation status
Name	NO_COM
Description	Get's the operation status of the GD.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:24.441
End of execution	2017-06-08 14:21:24.628
Timeout [ms]	4000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:24.691
End of execution	2017-06-08 14:21:26.095
GD state	GDStandardState
Type	GD Configuration
Name	Matching DID
Description	Configure the GD with the matching DID
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:26.157
End of execution	2017-06-08 14:21:26.719
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	Yes
Vendor ID	0x02A4
Device ID	0x002BD2
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:26.781
End of execution	2017-06-08 14:21:26.906
Type	DUT Configuration
Name	default_Sensor_Aktor_VID_DID
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte) and defined VID/DID
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:26.968
End of execution	2017-06-08 14:21:26.968
Configuration set	default_Sensor_Aktor_VID_DID

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:27.031
End of execution	2017-06-08 14:21:27.031
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:21:27.093
End of execution	2017-06-08 14:21:36.219
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:36.282
End of execution	2017-06-08 14:21:36.609
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:36.672
End of execution	2017-06-08 14:21:39.714
Port ID	-1
Port Status	Fallback
Type	GD Get operation status
Name	NO_COM
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:39.776
End of execution	2017-06-08 14:21:39.963
Timeout [ms]	4000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:40.026
End of execution	2017-06-08 14:21:41.430
GD state	GDStandardState
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:41.492
End of execution	2017-06-08 14:21:41.742
GD state	GDMonitorMode
Type	GD Configuration
Name	Not matching DID
Description	Configure the GD with the not matching DID
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:41.804
End of execution	2017-06-08 14:21:42.366
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	Yes
Vendor ID	0x02A4
Device ID	0x00A439
Function ID	0x0000
Min cycle time [µs]	32000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:42.428
End of execution	2017-06-08 14:21:51.554
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:51.616
End of execution	2017-06-08 14:21:51.866
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE

Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Stop loggging frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:51.928
End of execution	2017-06-08 14:21:52.084
GD state	GDMonitorModeStop
Type	SubFunction Reference
Name	Check: Startup 1.1 Overwrite
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:52.147
End of execution	2017-06-08 14:21:54.549
Function	Check: Startup 1.1 Overwrite

Type	Check Monitor frame
Name	Address 2
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:52.802
End of execution	2017-06-08 14:21:52.802
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	0x80
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No
Type	Check Monitor frame
Name	Address 2 (Additional)
Description	Additional read of adrdress 0x02 generates a warning
State	Successful
State info	
Expected result	DontCareWarning
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:52.864
End of execution	2017-06-08 14:21:52.864
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0

Data received	0x80
Expected data	
Minimum received frames	0
Maximum received frames	0
Stop search after max. count frames	Yes
Count of received frames	0
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 3
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:52.927
End of execution	2017-06-08 14:21:52.927
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	3
Used frame type	FrameType0
Data received	0x01
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 4
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:52.989
End of execution	2017-06-08 14:21:52.989
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	4
Used frame type	FrameType0
Data received	0x11
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 5
Description	Checks the communicated IOL frames between DUT and GD..

	A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:53.052
End of execution	2017-06-08 14:21:53.052
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	5
Used frame type	FrameType0
Data received	0x48
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 6
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:53.114
End of execution	2017-06-08 14:21:53.114
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	6
Used frame type	FrameType0
Data received	0x08
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	MasterIdent
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:53.176
End of execution	2017-06-08 14:21:53.192
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write

Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x95
Expected data	0x95
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 7
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:53.254
End of execution	2017-06-08 14:21:53.270
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	7
Used frame type	FrameType0
Data received	0x02
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 8
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:53.332
End of execution	2017-06-08 14:21:53.332
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	8
Used frame type	FrameType0
Data received	0xA4
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 9
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:53.395
End of execution	2017-06-08 14:21:53.395
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	9
Used frame type	FrameType0
Data received	0x00
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address A
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:53.457
End of execution	2017-06-08 14:21:53.457
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	10
Used frame type	FrameType0
Data received	0xA4
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address B
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:53.520
End of execution	2017-06-08 14:21:53.520
Timeout [ms]	0

Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	11
Used frame type	FrameType0
Data received	0x39
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	WRITE DID 1
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:53.582
End of execution	2017-06-08 14:21:53.582
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	9
Used frame type	FrameType0
Data received	0x00
Expected data	0x00
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	WRITE DID 2
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:53.644
End of execution	2017-06-08 14:21:53.644
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	10
Used frame type	FrameType0
Data received	0x2B
Expected data	0x2B
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1

Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No
Type	Check Monitor frame
Name	WRITE DID 3
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:53.707
End of execution	2017-06-08 14:21:53.707
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	11
Used frame type	FrameType0
Data received	0xD2
Expected data	0xD2
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No
Type	Check Monitor frame
Name	WRITE RID
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:53.769
End of execution	2017-06-08 14:21:53.769
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	4
Used frame type	FrameType0
Data received	0x11
Expected data	0x11
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No
Type	Check Monitor frame
Name	DeviceIdent
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	

Start of execution	2017-06-08 14:21:53.832
End of execution	2017-06-08 14:21:53.832
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x96
Expected data	0x96
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 2
Description	Checks the communicated IOL frames between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode). Reading A2 twice is tolerated at this step.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:53.894
End of execution	2017-06-08 14:21:53.894
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	0x80
Expected data	
Minimum received frames	1
Maximum received frames	2
Stop search after max. count frames	Yes
Count of received frames	2
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 3
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:53.956
End of execution	2017-06-08 14:21:53.956
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	3
Used frame type	FrameType0
Data received	0x01
Expected data	
Minimum received frames	1

Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 4
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:54.019
End of execution	2017-06-08 14:21:54.019
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	4
Used frame type	FrameType0
Data received	0x11
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 5
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:54.081
End of execution	2017-06-08 14:21:54.081
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	5
Used frame type	FrameType0
Data received	0x48
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 6
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:54.144
End of execution	2017-06-08 14:21:54.144
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	6
Used frame type	FrameType0
Data received	0x08
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	MasterIdent
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:54.206
End of execution	2017-06-08 14:21:54.222
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x95
Expected data	0x95
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 7
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:54.284
End of execution	2017-06-08 14:21:54.284
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	7
Used frame type	FrameType0

Data received	0x02
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 8
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:54.346
End of execution	2017-06-08 14:21:54.362
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	8
Used frame type	FrameType0
Data received	0xA4
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 9
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:54.424
End of execution	2017-06-08 14:21:54.424
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	9
Used frame type	FrameType0
Data received	0x00
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address A
Description	Checks the communicated IOL frames between DUT and GD..

	A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:54.487
End of execution	2017-06-08 14:21:54.487
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	10
Used frame type	FrameType0
Data received	0x2B
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address B
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:54.549
End of execution	2017-06-08 14:21:54.549
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	11
Used frame type	FrameType0
Data received	0xD2
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	DevicePreoperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:54.612
End of execution	2017-06-08 14:21:54.612
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write

Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x9A
Expected data	0x9A
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	DeviceOperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:54.674
End of execution	2017-06-08 14:21:54.674
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x99
Expected data	0x99
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Test Root : SDCI_TC_0189 (TCM_DLST_CHCK_OVERDIDNOK)

Type	Test Root
Name	SDCI_TC_0189 (TCM_DLST_CHCK_OVERDIDNOK)
Description	Check Master start-up behaviour with overwrite of the DeviceID (incompatible). Check Master start-up behaviour with overwrite of the DeviceID. This test case supposes an incompatible DeviceID that causes the Master-Tester to initiate a corresponding Event. The configured VendorID is ? 0x00, 0x00 and the DeviceID is ? 0x00, 0x00, 0x00.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:54.736
End of execution	2017-06-08 14:22:40.429

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:54.799
End of execution	2017-06-08 14:22:06.967
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:55.048
End of execution	2017-06-08 14:21:56.452
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:56.515
End of execution	2017-06-08 14:21:57.076
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:57.139
End of execution	2017-06-08 14:21:57.232

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:57.295
End of execution	2017-06-08 14:21:57.295
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:21:57.357
End of execution	2017-06-08 14:21:57.357

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:21:57.420
End of execution	2017-06-08 14:22:06.546
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:06.608
End of execution	2017-06-08 14:22:06.967
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:07.029
End of execution	2017-06-08 14:22:10.071
Port ID	-1
Port Status	Fallback

Type	GD Get operation status

Name	NO_COM
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:10.134
End of execution	2017-06-08 14:22:10.321
Timeout [ms]	4000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:10.383
End of execution	2017-06-08 14:22:11.787
GD state	GDStandardState
Type	GD Configuration
Name	Matching DID
Description	Configure the GD with the matching DID
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:11.850
End of execution	2017-06-08 14:22:12.411
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x02A4
Device ID	0x002BD2
Function ID	0x0000
Min cycle time [µs]	32000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:12.474
End of execution	2017-06-08 14:22:12.583
Type	DUT Configuration
Name	default_Sensor_Aktor_VID_DID
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte) and defined VID/DID
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:12.645

End of execution	2017-06-08 14:22:12.645
Configuration set	default_Sensor_Aktor_VID_DID
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:12.708
End of execution	2017-06-08 14:22:12.708
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:22:12.770
End of execution	2017-06-08 14:22:21.896
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:21.959
End of execution	2017-06-08 14:22:22.302
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:22.364
End of execution	2017-06-08 14:22:25.406
Port ID	-1
Port Status	Fallback
Type	GD Get operation status
Name	NO_COM
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:25.469
End of execution	2017-06-08 14:22:25.656
Timeout [ms]	4000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state

Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:25.718
End of execution	2017-06-08 14:22:27.122
GD state	GDStandardState
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:27.185
End of execution	2017-06-08 14:22:27.434
GD state	GDMonitorMode
Type	GD Configuration
Name	Not matching DID
Description	Configure the GD with the not matching DID
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:27.497
End of execution	2017-06-08 14:22:28.058
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x02A4
Device ID	0x00A439
Function ID	0x0000
Min cycle time [µs]	32000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:28.121
End of execution	2017-06-08 14:22:28.121
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:28.183
End of execution	2017-06-08 14:22:37.309
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	Preoperate
Description	Get's the operation status of the GD.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:37.371
End of execution	2017-06-08 14:22:37.481
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	PREOPERATE
Received GD IOL status	PREOPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Stop loggging frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:37.543
End of execution	2017-06-08 14:22:37.652
GD state	GDMonitorModeStop

Type	SubFunction Reference
Name	Check: Startup 1.1 Overwrite
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:37.715
End of execution	2017-06-08 14:22:40.086
Function	Check: Startup 1.1 Overwrite

Type	Check Monitor frame
Name	Address 2
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:38.339
End of execution	2017-06-08 14:22:38.339
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	0x80
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 2 (Additional)
Description	Additional read of adrdress 0x02 generates a warning
State	Successful
State info	

Expected result	DontCareWarning
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:38.401
End of execution	2017-06-08 14:22:38.401
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	0x80
Expected data	
Minimum received frames	0
Maximum received frames	0
Stop search after max. count frames	Yes
Count of received frames	0
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 3
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:38.463
End of execution	2017-06-08 14:22:38.463
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	3
Used frame type	FrameType0
Data received	0x01
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 4
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:38.526
End of execution	2017-06-08 14:22:38.526
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	4
Used frame type	FrameType0
Data received	0x11

Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 5
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:38.588
End of execution	2017-06-08 14:22:38.588
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	5
Used frame type	FrameType0
Data received	0x48
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 6
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:38.651
End of execution	2017-06-08 14:22:38.651
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	6
Used frame type	FrameType0
Data received	0x08
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	MasterIdent
Description	Checks the communicated IOL frames between DUT and GD..

	A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:38.713
End of execution	2017-06-08 14:22:38.729
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x95
Expected data	0x95
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 7
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:38.791
End of execution	2017-06-08 14:22:38.807
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	7
Used frame type	FrameType0
Data received	0x02
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 8
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:38.869
End of execution	2017-06-08 14:22:38.869
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read

Used data channel	ParameterData
Address	8
Used frame type	FrameType0
Data received	0xA4
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 9
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:38.931
End of execution	2017-06-08 14:22:38.931
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	9
Used frame type	FrameType0
Data received	0x00
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address A
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:38.994
End of execution	2017-06-08 14:22:38.994
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	10
Used frame type	FrameType0
Data received	0xA4
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address B
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:39.056
End of execution	2017-06-08 14:22:39.056
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	11
Used frame type	FrameType0
Data received	0x39
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	WRITE DID 1
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:39.119
End of execution	2017-06-08 14:22:39.119
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	9
Used frame type	FrameType0
Data received	0x00
Expected data	0x00
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	WRITE DID 2
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:39.181
End of execution	2017-06-08 14:22:39.181
Timeout [ms]	0

Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	10
Used frame type	FrameType0
Data received	0x2B
Expected data	0x2B
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	WRITE DID 3
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:39.243
End of execution	2017-06-08 14:22:39.243
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	11
Used frame type	FrameType0
Data received	0xD2
Expected data	0xD2
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	WRITE RID
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:39.306
End of execution	2017-06-08 14:22:39.306
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	4
Used frame type	FrameType0
Data received	0x11
Expected data	0x11
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1

Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	DeviceIdent
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:39.368
End of execution	2017-06-08 14:22:39.368
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x96
Expected data	0x96
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 2
Description	Checks the communicated IOL frames between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode). Reading A2 twice is tolerated at this step.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:39.431
End of execution	2017-06-08 14:22:39.431
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	0x80
Expected data	
Minimum received frames	1
Maximum received frames	2
Stop search after max. count frames	Yes
Count of received frames	2
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 3
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No

Comment	
Start of execution	2017-06-08 14:22:39.493
End of execution	2017-06-08 14:22:39.493
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	3
Used frame type	FrameType0
Data received	0x01
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 4
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:39.555
End of execution	2017-06-08 14:22:39.555
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	4
Used frame type	FrameType0
Data received	0x11
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 5
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:39.618
End of execution	2017-06-08 14:22:39.618
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	5
Used frame type	FrameType0
Data received	0x48
Expected data	
Minimum received frames	1

Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 6
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:39.680
End of execution	2017-06-08 14:22:39.680
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	6
Used frame type	FrameType0
Data received	0x08
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	MasterIdent
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:39.743
End of execution	2017-06-08 14:22:39.758
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x95
Expected data	0x95
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 7
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:39.821
End of execution	2017-06-08 14:22:39.821
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	7
Used frame type	FrameType0
Data received	0x02
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 8
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:39.883
End of execution	2017-06-08 14:22:39.899
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	8
Used frame type	FrameType0
Data received	0xA4
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 9
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:39.961
End of execution	2017-06-08 14:22:39.961
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	9
Used frame type	FrameType0

Data received	0x00
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address A
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:40.023
End of execution	2017-06-08 14:22:40.023
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	10
Used frame type	FrameType0
Data received	0xA4
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address B
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:40.086
End of execution	2017-06-08 14:22:40.086
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	11
Used frame type	FrameType0
Data received	0x39
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	DevicePreoperate
Description	Checks the communicated IOL frames between DUT and GD..

	A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:40.148
End of execution	2017-06-08 14:22:40.148
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x9A
Expected data	0x9A
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	No DeviceOperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:40.211
End of execution	2017-06-08 14:22:40.211
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	
Expected data	0x99
Minimum received frames	0
Maximum received frames	0
Stop search after max. count frames	No
Count of received frames	0
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	GD Get operation status
Name	Still in Preoperate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:40.273
End of execution	2017-06-08 14:22:40.335
Timeout [ms]	0
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	PREOPERATE
Received GD IOL status	PREOPERATE
Expected GD IOLSH status	DontCare

Received GD IOLSH status	0
Type	DUT Event Wait
Name	
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:22:40.398
End of execution	2017-06-08 14:22:40.429
Wait time [ms]	0
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	-1
Expected alt. System Event	0x001B
Expected alt. System Event (raw data)	
Received DUT event	System Event: Port 1, Code 0x0000001B

Test Root : SDCI_TC_0192 (TCM_DLST_CHCK_VIDDIDNONCONFIG)

Type	Test Root
Name	SDCI_TC_0192 (TCM_DLST_CHCK_VIDDIDNONCONFIG)
Description	Check Master start-up behaviour with non configured VID and DID (V1.0). Check Master start-up behaviour with non configured VID and DID for a legacy "Device" (V1.0). The Master shall write the MasterCycleTime and turn the "Device" from PREOPERATE to OPERATE mode. The configured VendorID is = 0x00, 0x00 and the DeviceID is = 0x00, 0x00, 0x00.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:40.491
End of execution	2017-06-08 14:23:09.305

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:40.554
End of execution	2017-06-08 14:22:42.005
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:42.067
End of execution	2017-06-08 14:22:42.629
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:42.691
End of execution	2017-06-08 14:22:42.800

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:42.863
End of execution	2017-06-08 14:22:42.863
Configuration set	default_1ByteSensor_1ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:42.925
End of execution	2017-06-08 14:22:42.925
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:22:42.987
End of execution	2017-06-08 14:22:52.113
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:52.176
End of execution	2017-06-08 14:22:52.519
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:52.581
End of execution	2017-06-08 14:22:55.623
Port ID	-1
Port Status	Fallback
Type	GD Get operation status
Name	NO_COM
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:55.686
End of execution	2017-06-08 14:22:55.873
Timeout [ms]	4000
Expected GD state	DontCare

Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:55.935
End of execution	2017-06-08 14:22:57.339
GD state	GDStandardState
Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:57.402
End of execution	2017-06-08 14:22:57.963
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_0
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x02A4
Device ID	0x002BD2
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:58.026
End of execution	2017-06-08 14:22:58.275
GD state	GDMonitorMode
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:22:58.338
End of execution	2017-06-08 14:23:07.464
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:07.526
End of execution	2017-06-08 14:23:07.776
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Stop loggging frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:07.838
End of execution	2017-06-08 14:23:08.010
GD state	GDMonitorModeStop

Type	SubFunction Reference
Name	Check: Read communicaton parameter
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:08.072
End of execution	2017-06-08 14:23:08.618
Function	Check: Read communicaton parameter

Type	Check Monitor frame
Name	Address 2
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:08.306
End of execution	2017-06-08 14:23:08.306
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	0x28
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 2 (Additional)
Description	Additional read of adrdress 0x02 generates a warning
State	Successful
State info	

Expected result	DontCareWarning
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:08.369
End of execution	2017-06-08 14:23:08.369
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	
Expected data	
Minimum received frames	0
Maximum received frames	0
Stop search after max. count frames	Yes
Count of received frames	0
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 3
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:08.431
End of execution	2017-06-08 14:23:08.431
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	3
Used frame type	FrameType0
Data received	0x01
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 4
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:08.493
End of execution	2017-06-08 14:23:08.493
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	4
Used frame type	FrameType0
Data received	0x10

Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 5
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:08.556
End of execution	2017-06-08 14:23:08.556
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	5
Used frame type	FrameType0
Data received	0x48
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 6
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:08.618
End of execution	2017-06-08 14:23:08.618
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	6
Used frame type	FrameType0
Data received	0x08
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	SubFunction Reference
Name	Check: Read VID DID
Description	Reference to the sub function
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:08.681
End of execution	2017-06-08 14:23:09.149
Function	Check: Read VID DID

Type	Check Monitor frame
Name	Address 7
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:08.883
End of execution	2017-06-08 14:23:08.883
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	7
Used frame type	FrameType0
Data received	0x02
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 8
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:08.946
End of execution	2017-06-08 14:23:08.946
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	8
Used frame type	FrameType0
Data received	0xA4
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 9
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:09.008
End of execution	2017-06-08 14:23:09.024
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	9
Used frame type	FrameType0
Data received	0x00
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address A
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:09.086
End of execution	2017-06-08 14:23:09.086
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	10
Used frame type	FrameType0
Data received	0x2B
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address B
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:09.149
End of execution	2017-06-08 14:23:09.149
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	11
Used frame type	FrameType0

Data received	0xD2
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	WRITE MasterCycleTime
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:09.211
End of execution	2017-06-08 14:23:09.227
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	1
Used frame type	FrameType0
Data received	0x28
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Operate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:09.289
End of execution	2017-06-08 14:23:09.305
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x99
Expected data	0x99
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Test Root : SDCI_TC_0193 (TCM_DLST_CHCK_VIDDIDCONFIG)

Type	Test Root
Name	SDCI_TC_0193 (TCM_DLST_CHCK_VIDDIDCONFIG)
Description	Check Master start-up behaviour with configured VID and DID (Device V1.0). Check Master start-up behaviour with configured VID and DID for a legacy "Device" (V1.0). The Master shall write the MasterCycleTime only if the configured values match the values in the "Device". Then, the Master shall turn the "Device" from PREOPERATE to OPERATE mode. The configured VendorID is ? 0x00, 0x00 and the DeviceID is ? 0x00, 0x00, 0x00.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:09.367
End of execution	2017-06-08 14:23:38.633

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:09.429
End of execution	2017-06-08 14:23:21.675
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:09.679
End of execution	2017-06-08 14:23:11.161
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:11.223
End of execution	2017-06-08 14:23:11.785
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	

Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:11.847
End of execution	2017-06-08 14:23:11.972

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:12.035
End of execution	2017-06-08 14:23:12.035
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:12.097
End of execution	2017-06-08 14:23:12.097

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:23:12.159
End of execution	2017-06-08 14:23:21.285
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:21.348
End of execution	2017-06-08 14:23:21.675
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:21.738
End of execution	2017-06-08 14:23:24.780
Port ID	-1
Port Status	Fallback

Type	GD Get operation status
Name	NO_COM
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:24.842
End of execution	2017-06-08 14:23:25.029
Timeout [ms]	4000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:25.092
End of execution	2017-06-08 14:23:26.496
GD state	GDStandardState
Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:26.558
End of execution	2017-06-08 14:23:27.120
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_0
Revision ID changeable	Yes
Device ID changeable	Yes
Vendor ID	0x02A4
Device ID	0x002BD2
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:27.182
End of execution	2017-06-08 14:23:27.432
GD state	GDMonitorMode
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:27.494
End of execution	2017-06-08 14:23:27.572
Type	DUT Configuration
Name	default_Sensor_Aktor_VID_DID_10
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte) and defined VID/DID
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:27.635
End of execution	2017-06-08 14:23:27.635
Configuration set	default_Sensor_Aktor_VID_DID_10
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:27.697
End of execution	2017-06-08 14:23:27.697
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:23:27.759
End of execution	2017-06-08 14:23:36.885
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:36.948
End of execution	2017-06-08 14:23:37.119
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Stop loggging frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:37.182
End of execution	2017-06-08 14:23:37.353
GD state	GDMonitorModeStop
Type	SubFunction Reference

Name	Check: Read communicaton parameter
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:37.416
End of execution	2017-06-08 14:23:37.962
Function	Check: Read communicaton parameter

Type	Check Monitor frame
Name	Address 2
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:37.650
End of execution	2017-06-08 14:23:37.650
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	0x28
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 2 (Additional)
Description	Additional read of adrdress 0x02 generates a warning
State	Successful
State info	
Expected result	DontCareWarning
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:37.712
End of execution	2017-06-08 14:23:37.712
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	
Expected data	
Minimum received frames	0
Maximum received frames	0
Stop search after max. count frames	Yes
Count of received frames	0
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 3
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:37.775
End of execution	2017-06-08 14:23:37.775
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	3
Used frame type	FrameType0
Data received	0x01
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 4
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:37.837
End of execution	2017-06-08 14:23:37.837
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	4
Used frame type	FrameType0
Data received	0x10
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 5
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:37.899
End of execution	2017-06-08 14:23:37.899
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	5

Used frame type	FrameType0
Data received	0x48
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 6
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:37.962
End of execution	2017-06-08 14:23:37.962
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	6
Used frame type	FrameType0
Data received	0x08
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	SubFunction Reference
Name	Check: Read VID DID
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:38.024
End of execution	2017-06-08 14:23:38.477
Function	Check: Read VID DID

Type	Check Monitor frame
Name	Address 7
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:38.227
End of execution	2017-06-08 14:23:38.227
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	7
Used frame type	FrameType0
Data received	0x02

Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 8
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:38.289
End of execution	2017-06-08 14:23:38.289
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	8
Used frame type	FrameType0
Data received	0xA4
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 9
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:38.352
End of execution	2017-06-08 14:23:38.352
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	9
Used frame type	FrameType0
Data received	0x00
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address A
Description	Checks the communicated IOL frames between DUT and GD..

	A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:38.414
End of execution	2017-06-08 14:23:38.414
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	10
Used frame type	FrameType0
Data received	0x2B
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address B
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:38.477
End of execution	2017-06-08 14:23:38.477
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	11
Used frame type	FrameType0
Data received	0xD2
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	WRITE MasterCycleTime
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:38.539
End of execution	2017-06-08 14:23:38.555
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write

Used data channel	ParameterData
Address	1
Used frame type	FrameType0
Data received	0x28
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Operate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:38.617
End of execution	2017-06-08 14:23:38.633
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x99
Expected data	0x99
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Test Root : SDCI_TC_0194 (TCM_DLST_CHCK_DIDWRONG)

Type	Test Root
Name	SDCI_TC_0194 (TCM_DLST_CHCK_DIDWRONG)
Description	Check Master start-up behaviour with wrong DID (Device V1.0). Check Master start-up behaviour with wrong configured DID for a legacy "Device" (V1.0). The Master shall indicate a corresponding Event to the upper level system and stops communicating with the "Device". The configured VendorID is ? 0x00, 0x00 and the DeviceID is ? 0x00, 0x00, 0x00.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:38.695
End of execution	2017-06-08 14:24:12.984

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:38.757
End of execution	2017-06-08 14:23:51.019
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:39.023
End of execution	2017-06-08 14:23:40.505
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:40.567
End of execution	2017-06-08 14:23:41.129
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:41.191
End of execution	2017-06-08 14:23:41.300

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:41.363
End of execution	2017-06-08 14:23:41.363
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:41.425
End of execution	2017-06-08 14:23:41.425

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:23:41.487
End of execution	2017-06-08 14:23:50.613
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:50.676
End of execution	2017-06-08 14:23:51.019
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:51.081
End of execution	2017-06-08 14:23:54.123
Port ID	-1
Port Status	Fallback

Type	GD Get operation status

Name	NO_COM
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:54.186
End of execution	2017-06-08 14:23:54.373
Timeout [ms]	4000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:54.435
End of execution	2017-06-08 14:23:55.839
GD state	GDStandardState
Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:55.902
End of execution	2017-06-08 14:23:56.463
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_0
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x02A4
Device ID	0x00A439
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:56.526
End of execution	2017-06-08 14:23:56.775
GD state	GDMonitorMode
Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:56.838
End of execution	2017-06-08 14:23:56.838
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:56.900
End of execution	2017-06-08 14:23:57.025
Type	DUT Configuration
Name	default_Sensor_Aktor_VID_DID_10
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte) and defined VID/DID
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:57.087
End of execution	2017-06-08 14:23:57.087
Configuration set	default_Sensor_Aktor_VID_DID_10
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:23:57.150
End of execution	2017-06-08 14:23:57.150
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:23:57.212
End of execution	2017-06-08 14:24:06.338
Port ID	-1
Port Status	ScanMode
Type	Wait
Name	
Description	My Wait Description
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:06.401
End of execution	2017-06-08 14:24:11.471
Wait time [ms]	5000
Type	GD Prepare state
Name	Stop loggging frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:11.533

End of execution	2017-06-08 14:24:11.673
GD state	GDMonitorModeStop

Type	SubFunction Reference
Name	Check: Read communicaton parameter
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:11.736
End of execution	2017-06-08 14:24:12.313
Function	Check: Read communicaton parameter

Type	Check Monitor frame
Name	Address 2
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:11.985
End of execution	2017-06-08 14:24:11.985
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	0x28
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 2 (Additional)
Description	Additional read of adrdress 0x02 generates a warning
State	Successful
State info	
Expected result	DontCareWarning
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:12.048
End of execution	2017-06-08 14:24:12.063
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	
Expected data	
Minimum received frames	0
Maximum received frames	0
Stop search after max. count frames	Yes
Count of received frames	0
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 3

Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:12.126
End of execution	2017-06-08 14:24:12.126
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	3
Used frame type	FrameType0
Data received	0x01
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 4
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:12.188
End of execution	2017-06-08 14:24:12.188
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	4
Used frame type	FrameType0
Data received	0x10
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 5
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:12.251
End of execution	2017-06-08 14:24:12.251
Timeout [ms]	0
Expected frame status	Ok
Source	Device

ReadWrite mode	Read
Used data channel	ParameterData
Address	5
Used frame type	FrameType0
Data received	0x48
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 6
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:12.313
End of execution	2017-06-08 14:24:12.313
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	6
Used frame type	FrameType0
Data received	0x08
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	SubFunction Reference
Name	Check: Read VID DID
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:12.375
End of execution	2017-06-08 14:24:12.843
Function	Check: Read VID DID

Type	Check Monitor frame
Name	Address 7
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:12.578
End of execution	2017-06-08 14:24:12.594
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData

Address	7
Used frame type	FrameType0
Data received	0x02
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 8
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:12.656
End of execution	2017-06-08 14:24:12.656
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	8
Used frame type	FrameType0
Data received	0xA4
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 9
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:12.719
End of execution	2017-06-08 14:24:12.719
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	9
Used frame type	FrameType0
Data received	0x00
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame

Name	Address A
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:12.781
End of execution	2017-06-08 14:24:12.781
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	10
Used frame type	FrameType0
Data received	0xA4
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address B
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:12.843
End of execution	2017-06-08 14:24:12.843
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	11
Used frame type	FrameType0
Data received	0x39
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	no ProcessDataOutputOperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:12.906
End of execution	2017-06-08 14:24:12.921
Timeout [ms]	10
Expected frame status	Ok

Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x99
Expected data	0x98
Minimum received frames	0
Maximum received frames	0
Stop search after max. count frames	No
Count of received frames	0
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	DUT Event Wait
Name	
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:24:12.984
End of execution	2017-06-08 14:24:12.984
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	-1
Expected alt. System Event	0x001B
Expected alt. System Event (raw data)	
Received DUT event	System Event: Port 1, Code 0x0000001B

Test Root : SDCI_TC_0195 (TCM_DLST_CHCK_SNWRONG)

Type	Test Root
Name	SDCI_TC_0195 (TCM_DLST_CHCK_SNWRONG)
Description	Check Master start-up behaviour with wrong SerialNumber (Device V1.0). Check Master start-up behaviour with wrong SerialNumber (Device V1.0). After the transition to the OPERATE mode (MasterCommand 0x99) the Master detects a wrong or not matching SerialNumber. The Master shall indicate a corresponding Event to the upper level system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:13.046
End of execution	2017-06-08 14:24:47.195

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:13.109
End of execution	2017-06-08 14:24:25.339
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:13.358
End of execution	2017-06-08 14:24:14.840
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:14.903
End of execution	2017-06-08 14:24:15.449
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:15.511
End of execution	2017-06-08 14:24:15.652

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:15.714
End of execution	2017-06-08 14:24:15.714
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:15.776
End of execution	2017-06-08 14:24:15.776

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:24:15.839
End of execution	2017-06-08 14:24:24.965
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:25.027
End of execution	2017-06-08 14:24:25.339
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:25.402
End of execution	2017-06-08 14:24:29.458
Port ID	-1
Port Status	Fallback

Type	GD Get operation status

Name	NO_COM
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:29.520
End of execution	2017-06-08 14:24:29.707
Timeout [ms]	4000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:29.770
End of execution	2017-06-08 14:24:31.174
GD state	GDStandardState
Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:31.236
End of execution	2017-06-08 14:24:31.798
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_0
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x02A4
Device ID	0x002BD2
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	GD ISDU Write
Name	Wrong serial no
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:31.860
End of execution	2017-06-08 14:24:32.250
Response service	0
Index	21
Subindex	0
Data	

	0x30,0x31,0x32,0x33,0x34,0x35,0x36,0x37,0x38,0x39,0x46,0x45,0x44,0x43,0x42,0x41
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:32.312
End of execution	2017-06-08 14:24:32.546
GD state	GDMonitorMode
Type	GD Prepare state
Name	Log ISDU
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:32.609
End of execution	2017-06-08 14:24:32.858
GD state	GDMonitorSPDUMode
Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:32.921
End of execution	2017-06-08 14:24:32.921
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:32.983
End of execution	2017-06-08 14:24:33.077
Type	DUT Configuration
Name	default_Sensor_Aktor_VID_DID_Ser_10
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte) and defined VID/DID (Device V1.0).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:33.139
End of execution	2017-06-08 14:24:33.139
Configuration set	default_Sensor_Aktor_VID_DID_Ser_10
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:33.202
End of execution	2017-06-08 14:24:33.202
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful

State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:24:33.264
End of execution	2017-06-08 14:24:42.390
Port ID	-1
Port Status	ScanMode

Type	Wait
Name	
Description	
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:42.452
End of execution	2017-06-08 14:24:44.480
Wait time [ms]	2000

Type	GD Prepare state
Name	Stop log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:44.543
End of execution	2017-06-08 14:24:44.730
GD state	GDMonitorModeStop

Type	SubFunction Reference
Name	Check: Read communicaton parameter
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:44.792
End of execution	2017-06-08 14:24:45.338
Function	Check: Read communicaton parameter

Type	Check Monitor frame
Name	Address 2
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:45.026
End of execution	2017-06-08 14:24:45.026
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	0x28
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 2 (Additional)
Description	Additional read of adrdress 0x02 generates a warning
State	Successful
State info	
Expected result	DontCareWarning
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:45.089
End of execution	2017-06-08 14:24:45.089
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	
Expected data	
Minimum received frames	0
Maximum received frames	0
Stop search after max. count frames	Yes
Count of received frames	0
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 3
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:45.151
End of execution	2017-06-08 14:24:45.151
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	3
Used frame type	FrameType0
Data received	0x01
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 4
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:45.214
End of execution	2017-06-08 14:24:45.214
Timeout [ms]	0
Expected frame status	Ok
Source	Device

ReadWrite mode	Read
Used data channel	ParameterData
Address	4
Used frame type	FrameType0
Data received	0x10
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 5
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:45.276
End of execution	2017-06-08 14:24:45.276
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	5
Used frame type	FrameType0
Data received	0x48
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 6
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:45.338
End of execution	2017-06-08 14:24:45.338
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	6
Used frame type	FrameType0
Data received	0x08
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes

Clear ISDU receive queue up to found item	No

Type	SubFunction Reference
Name	Check: Read VID DID
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:45.401
End of execution	2017-06-08 14:24:45.900
Function	Check: Read VID DID

Type	Check Monitor frame
Name	Address 7
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:45.650
End of execution	2017-06-08 14:24:45.650
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	7
Used frame type	FrameType0
Data received	0x02
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 8
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:45.713
End of execution	2017-06-08 14:24:45.713
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	8
Used frame type	FrameType0
Data received	0xA4
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame

Name	Address 9
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:45.775
End of execution	2017-06-08 14:24:45.775
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	9
Used frame type	FrameType0
Data received	0x00
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address A
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:45.838
End of execution	2017-06-08 14:24:45.838
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	10
Used frame type	FrameType0
Data received	0x2B
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address B
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:45.900
End of execution	2017-06-08 14:24:45.900
Timeout [ms]	0
Expected frame status	Ok

Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	11
Used frame type	FrameType0
Data received	0xD2
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Operate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:45.962
End of execution	2017-06-08 14:24:45.978
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x99
Expected data	0x99
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor ISDU
Name	Serial no
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:46.040
End of execution	2017-06-08 14:24:47.054
Timeout [ms]	1000
Service	ReadResponse_ok
Index	21
Subindex	0
Data received	0x30,0x31,0x32,0x33,0x34,0x35,0x36,0x37,0x38,0x39,0x46,0x45,0x44,0x43,0x42,0x41
Expected data	0x30,0x31,0x32,0x33,0x34,0x35,0x36,0x37,0x38,0x39,0x46,0x45,0x44,0x43,0x42,0x41
Empty data expected	No
Count of received services	1
Minimum received services	1

Maximum received services	-1
Expected position (latest)	-1
Clear receive queue	Yes
Clear receive queue up to found item	No

Type	Check Monitor frame
Name	No Operate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:47.117
End of execution	2017-06-08 14:24:47.132
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	
Expected data	0x99
Minimum received frames	0
Maximum received frames	0
Stop search after max. count frames	No
Count of received frames	0
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	DUT Event Wait
Name	
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:24:47.195
End of execution	2017-06-08 14:24:47.195
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	-1
Expected alt. System Event	0x001B
Expected alt. System Event (raw data)	
Received DUT event	System Event: Port 1, Code 0x0000001B

Test Root : SDCI_TC_0196 (TCM_DLST_CHCK_SNRIGHT)

Type	Test Root
Name	SDCI_TC_0196 (TCM_DLST_CHCK_SNRIGHT)
Description	Check Master start-up behaviour with correct SerialNumber (Device V1.0). Check Master start-up behaviour with correct SerialNumber (Device V1.0). After the transition to the OPERATE mode (MasterCommand 0x99) the Master detects a matching SerialNumber. The Master shall write the MasterCycleTime and the MasterCommand 0x99 again.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:47.257
End of execution	2017-06-08 14:25:17.864

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:47.320
End of execution	2017-06-08 14:24:59.612
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:47.569
End of execution	2017-06-08 14:24:49.098
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:49.160
End of execution	2017-06-08 14:24:49.722
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:49.784
End of execution	2017-06-08 14:24:49.925

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:49.940
End of execution	2017-06-08 14:24:49.940
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:50.003
End of execution	2017-06-08 14:24:50.003

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:24:50.065
End of execution	2017-06-08 14:24:59.191
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:59.254
End of execution	2017-06-08 14:24:59.612
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT PD Write
Name	Zero
Description	PD out must be zero for last test step (Check Monitor Frame : Operate).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:59.675
End of execution	2017-06-08 14:24:59.690
Port ID	-1
Data	0x00

Type	DUT Port Status

Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:24:59.753
End of execution	2017-06-08 14:25:02.795
Port ID	-1
Port Status	Fallback
Type	GD Get operation status
Name	NO_COM
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:02.857
End of execution	2017-06-08 14:25:03.154
Timeout [ms]	4000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:03.216
End of execution	2017-06-08 14:25:04.620
GD state	GDStandardState
Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:04.682
End of execution	2017-06-08 14:25:05.244
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_0
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x02A4
Device ID	0x002BD2
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	GD ISDU Write
Name	Serial no
Description	Executes a ISDU Write Service via the GD
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:05.306
End of execution	2017-06-08 14:25:05.696
Response service	0
Index	21
Subindex	0
Data	
	0x30,0x31,0x32,0x33,0x34,0x35,0x36,0x37,0x38,0x39,0x41,0x42,0x43,0x44,0x45,0x46
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:05.759
End of execution	2017-06-08 14:25:05.993
GD state	GDMonitorMode
Type	GD Prepare state
Name	Log ISDU
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:06.055
End of execution	2017-06-08 14:25:06.305
GD state	GDMonitorSPDUMode
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:06.367
End of execution	2017-06-08 14:25:06.476
Type	DUT Configuration
Name	default_Sensor_Aktor_VID_DID_Ser_10
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte) and defined VID/DID (Device V1.0).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:06.539
End of execution	2017-06-08 14:25:06.539
Configuration set	default_Sensor_Aktor_VID_DID_Ser_10
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:06.601
End of execution	2017-06-08 14:25:06.601
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.

State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:25:06.664
End of execution	2017-06-08 14:25:15.790
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:15.852
End of execution	2017-06-08 14:25:16.195
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	SubFunction Reference
Name	Check: Read communicaton parameter
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:16.258
End of execution	2017-06-08 14:25:16.819
Function	Check: Read communicaton parameter

Type	Check Monitor frame
Name	Address 2
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:16.492
End of execution	2017-06-08 14:25:16.492
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	0x28
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 2 (Additional)
Description	Additional read of adrdress 0x02 generates a warning
State	Successful
State info	

Expected result	DontCareWarning
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:16.554
End of execution	2017-06-08 14:25:16.570
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	
Expected data	
Minimum received frames	0
Maximum received frames	0
Stop search after max. count frames	Yes
Count of received frames	0
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 3
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:16.632
End of execution	2017-06-08 14:25:16.632
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	3
Used frame type	FrameType0
Data received	0x01
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 4
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:16.694
End of execution	2017-06-08 14:25:16.694
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	4
Used frame type	FrameType0
Data received	0x10

Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 5
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:16.757
End of execution	2017-06-08 14:25:16.757
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	5
Used frame type	FrameType0
Data received	0x48
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 6
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:16.819
End of execution	2017-06-08 14:25:16.819
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	6
Used frame type	FrameType0
Data received	0x08
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	SubFunction Reference
Name	Check: Read VID DID
Description	Reference to the sub function
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:16.882
End of execution	2017-06-08 14:25:17.350
Function	Check: Read VID DID

Type	Check Monitor frame
Name	Address 7
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:17.100
End of execution	2017-06-08 14:25:17.100
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	7
Used frame type	FrameType0
Data received	0x02
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 8
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:17.162
End of execution	2017-06-08 14:25:17.162
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	8
Used frame type	FrameType0
Data received	0xA4
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 9
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:17.225
End of execution	2017-06-08 14:25:17.225
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	9
Used frame type	FrameType0
Data received	0x00
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address A
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:17.287
End of execution	2017-06-08 14:25:17.287
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	10
Used frame type	FrameType0
Data received	0x2B
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address B
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:17.350
End of execution	2017-06-08 14:25:17.350
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	11
Used frame type	FrameType0

Data received	0xD2
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Operate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:17.412
End of execution	2017-06-08 14:25:17.412
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x99
Expected data	0x99
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	GD Prepare state
Name	Stop loggging frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:17.474
End of execution	2017-06-08 14:25:17.646
GD state	GDMonitorModeStop

Type	Check Monitor ISDU
Name	Serial no
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:17.708
End of execution	2017-06-08 14:25:17.708
Timeout [ms]	0
Service	ReadResponse_ok
Index	21
Subindex	0
Data received	
	0x30,0x31,0x32,0x33,0x34,0x35,0x36,0x37,0x38,0x39,0x41,0x42,0x43,0x44,0x45,0x46

Expected data	
	0x30,0x31,0x32,0x33,0x34,0x35,0x36,0x37,0x38,0x39,0x41,0x42,0x43,0x44,0x45,0x46
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	-1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor frame
Name	WRITE MasterCycleTime
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:17.771
End of execution	2017-06-08 14:25:17.786
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	1
Used frame type	FrameType2_5
Data received	0x00,0x28
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Operate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:17.849
End of execution	2017-06-08 14:25:17.864
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType2_5
Data received	0x00,0x99
Expected data	0x00,0x99
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Test Root : SDCI_TC_0307 (TCM_DLST_CHCK_OVERRIDOK)

Type	Test Root
Name	SDCI_TC_0307 (TCM_DLST_CHCK_OVERRIDOK)
Description	Check Master start-up behavior with overwrite of the Device RID (compatible) Check Master start-up behavior with overwrite of the RevisionID (compatible). This test supposes the active switching to protocol revision 1.0. The master overwrites the RID and the Device accepts the requested protocol version. The configured Ven-dorID is ? 0x00, 0x00 and the DeviceID is ? 0x00, 0x00, 0x00 and RevisionID is ? 0x00
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:17.927
End of execution	2017-06-08 14:26:02.948

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:17.989
End of execution	2017-06-08 14:25:29.876
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:18.239
End of execution	2017-06-08 14:25:19.580
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:19.643
End of execution	2017-06-08 14:25:20.189
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:20.251
End of execution	2017-06-08 14:25:20.329

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:20.392
End of execution	2017-06-08 14:25:20.392
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:20.454
End of execution	2017-06-08 14:25:20.454

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:25:20.516
End of execution	2017-06-08 14:25:29.642
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:29.705
End of execution	2017-06-08 14:25:29.876
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:29.939
End of execution	2017-06-08 14:25:32.981
Port ID	-1
Port Status	Fallback

Type	GD Get operation status

Name	NO_COM
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:33.043
End of execution	2017-06-08 14:25:33.230
Timeout [ms]	4000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:33.293
End of execution	2017-06-08 14:25:34.697
GD state	GDStandardState
Type	GD Configuration
Name	Matching DID RID
Description	Configure the GD with the matching DID and RID
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:34.759
End of execution	2017-06-08 14:25:35.321
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_0
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x02A4
Device ID	0x002BD2
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:35.383
End of execution	2017-06-08 14:25:35.492
Type	DUT Configuration
Name	default_Sensor_Aktor_VID_DID_10
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte) and defined VID/DID (Rev 1.0)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:35.555

End of execution	2017-06-08 14:25:35.555
Configuration set	default_Sensor_Aktor_VID_DID_10
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:35.617
End of execution	2017-06-08 14:25:35.617
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:25:35.680
End of execution	2017-06-08 14:25:44.806
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:44.868
End of execution	2017-06-08 14:25:45.211
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:45.274
End of execution	2017-06-08 14:25:48.316
Port ID	-1
Port Status	Fallback
Type	GD Get operation status
Name	NO_COM
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:48.378
End of execution	2017-06-08 14:25:48.565
Timeout [ms]	4000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state

Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:48.628
End of execution	2017-06-08 14:25:50.032
GD state	GDStandardState
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:50.094
End of execution	2017-06-08 14:25:50.344
GD state	GDMonitorMode
Type	GD Configuration
Name	Not matching RID
Description	Configure the GD with the not matching RID
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:50.406
End of execution	2017-06-08 14:25:50.968
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	Yes
Device ID changeable	No
Vendor ID	0x02A4
Device ID	0x002BD2
Function ID	0x0000
Min cycle time [µs]	32000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:25:51.030
End of execution	2017-06-08 14:26:00.156
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:00.218
End of execution	2017-06-08 14:26:00.468
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE

Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	PDU_RESPONSE

Type	GD Prepare state
Name	Stop loggging frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:00.530
End of execution	2017-06-08 14:26:00.718
GD state	GDMonitorModeStop

Type	SubFunction Reference
Name	Check: Startup 1.1 Overwrite RID
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:00.780
End of execution	2017-06-08 14:26:02.824
Function	Check: Startup 1.1 Overwrite RID

Type	Check Monitor frame
Name	Address 2
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:01.342
End of execution	2017-06-08 14:26:01.342
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	0x80
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 2 (Additional)
Description	Additional read of adrdress 0x02 generates a warning
State	Successful
State info	
Expected result	DontCareWarning
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:01.404
End of execution	2017-06-08 14:26:01.404
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData

Address	2
Used frame type	FrameType0
Data received	0x80
Expected data	
Minimum received frames	0
Maximum received frames	0
Stop search after max. count frames	Yes
Count of received frames	0
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 3
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:01.466
End of execution	2017-06-08 14:26:01.466
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	3
Used frame type	FrameType0
Data received	0x01
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 4
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:01.529
End of execution	2017-06-08 14:26:01.529
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	4
Used frame type	FrameType0
Data received	0x11
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame

Name	Address 5
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:01.591
End of execution	2017-06-08 14:26:01.591
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	5
Used frame type	FrameType0
Data received	0x48
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 6
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:01.654
End of execution	2017-06-08 14:26:01.654
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	6
Used frame type	FrameType0
Data received	0x08
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	MasterIdent
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:01.716
End of execution	2017-06-08 14:26:01.747
Timeout [ms]	10
Expected frame status	Ok

Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x95
Expected data	0x95
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	WRITE DID 1
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:01.810
End of execution	2017-06-08 14:26:01.810
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	9
Used frame type	FrameType0
Data received	0x00
Expected data	0x00
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	WRITE DID 2
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:01.872
End of execution	2017-06-08 14:26:01.872
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	10
Used frame type	FrameType0
Data received	0x2B
Expected data	0x2B
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No

Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	WRITE DID 3
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:01.934
End of execution	2017-06-08 14:26:01.934
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	11
Used frame type	FrameType0
Data received	0xD2
Expected data	0xD2
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	WRITE RID
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:01.997
End of execution	2017-06-08 14:26:01.997
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	4
Used frame type	FrameType0
Data received	0x10
Expected data	0x10
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	DeviceIdent
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:02.059

End of execution	2017-06-08 14:26:02.059
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x96
Expected data	0x96
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 2
Description	Checks the communicated IOL frames between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode). Reading A2 twice is tolerated at this step.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:02.122
End of execution	2017-06-08 14:26:02.122
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	0x80
Expected data	
Minimum received frames	1
Maximum received frames	2
Stop search after max. count frames	Yes
Count of received frames	2
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 3
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:02.184
End of execution	2017-06-08 14:26:02.184
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	3
Used frame type	FrameType0
Data received	0x01
Expected data	
Minimum received frames	1
Maximum received frames	1

Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 4
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:02.246
End of execution	2017-06-08 14:26:02.262
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	4
Used frame type	FrameType0
Data received	0x10
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 5
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:02.324
End of execution	2017-06-08 14:26:02.324
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	5
Used frame type	FrameType0
Data received	0x48
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 6
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:02.387
End of execution	2017-06-08 14:26:02.387
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	6
Used frame type	FrameType0
Data received	0x08
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 7
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:02.449
End of execution	2017-06-08 14:26:02.449
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	7
Used frame type	FrameType0
Data received	0x02
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 8
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:02.512
End of execution	2017-06-08 14:26:02.512
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	8
Used frame type	FrameType0
Data received	0xA4

Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 9
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:02.574
End of execution	2017-06-08 14:26:02.574
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	9
Used frame type	FrameType0
Data received	0x00
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address A
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:02.636
End of execution	2017-06-08 14:26:02.636
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	10
Used frame type	FrameType0
Data received	0x2B
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address B
Description	Checks the communicated IOL frames between DUT and GD..

	A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:02.699
End of execution	2017-06-08 14:26:02.699
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	11
Used frame type	FrameType0
Data received	0xD2
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address C
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:02.761
End of execution	2017-06-08 14:26:02.761
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	12
Used frame type	FrameType0
Data received	0x00
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address D
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:02.824
End of execution	2017-06-08 14:26:02.824
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read

Used data channel	ParameterData
Address	13
Used frame type	FrameType0
Data received	0x00
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	No DevicePreoperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:02.886
End of execution	2017-06-08 14:26:02.886
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x99
Expected data	0x9A
Minimum received frames	0
Maximum received frames	0
Stop search after max. count frames	No
Count of received frames	0
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	DeviceOperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:26:02.948
End of execution	2017-06-08 14:26:02.948
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x99
Expected data	0x99
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Test Root : SDCI_TC_0198 (TCM_DLOD_PREP_SNCORRECT)

Type	Test Root
Name	SDCI_TC_0198 (TCM_DLOD_PREP_SNCORRECT)
Description	Check Master PREOPERATE behaviour with correct SerialNumber. Check Master PREOPERATE behaviour with correct SerialNumber. The Master writes the command 0x9A and turns into the PREOPERATE mode. The Master then reads the Seri-alNumber of the "Device". If it matches the configured SerialNumber the Master can start the Data Storage mechanism.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:37.341
End of execution	2017-06-08 14:16:12.035

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:37.403
End of execution	2017-06-08 14:15:51.958
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:37.653
End of execution	2017-06-08 14:15:40.024
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:40.086
End of execution	2017-06-08 14:15:40.648
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:40.710
End of execution	2017-06-08 14:15:42.333

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:42.395
End of execution	2017-06-08 14:15:42.395
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:42.457
End of execution	2017-06-08 14:15:42.457

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:15:42.520
End of execution	2017-06-08 14:15:51.646
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:51.708
End of execution	2017-06-08 14:15:51.958
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:52.020
End of execution	2017-06-08 14:15:56.076
Port ID	-1
Port Status	Fallback

Type	GD Get operation status

Name	NO_COM
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:56.139
End of execution	2017-06-08 14:15:56.310
Timeout [ms]	4000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:56.373
End of execution	2017-06-08 14:15:57.777
GD state	GDStandardState
Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:57.839
End of execution	2017-06-08 14:15:58.385
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x02A4
Device ID	0x002BD2
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	GD ISDU Write
Name	Serial no
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:58.447
End of execution	2017-06-08 14:15:58.837
Response service	0
Index	21
Subindex	0
Data	

	0x30,0x31,0x32,0x33,0x34,0x35,0x36,0x37,0x38,0x39,0x41,0x42,0x43,0x44,0x45,0x46
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:58.900
End of execution	2017-06-08 14:15:59.134
GD state	GDMonitorMode
Type	GD Prepare state
Name	Log ISDU
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:59.196
End of execution	2017-06-08 14:15:59.446
GD state	GDMonitorSPDUMode
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:59.508
End of execution	2017-06-08 14:15:59.680
Type	DUT Configuration
Name	default_Sensor_Aktor_VID_DID_Ser
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte) and defined VID/DID
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:59.742
End of execution	2017-06-08 14:15:59.742
Configuration set	default_Sensor_Aktor_VID_DID_Ser
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:59.805
End of execution	2017-06-08 14:15:59.805
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:59.867
End of execution	2017-06-08 14:16:08.993
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	Operate

Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:09.055
End of execution	2017-06-08 14:16:09.352
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Stop loggging frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:09.414
End of execution	2017-06-08 14:16:09.586
GD state	GDMonitorModeStop

Type	SubFunction Reference
Name	Check: Read communicaton parameter
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:09.648
End of execution	2017-06-08 14:16:10.210
Function	Check: Read communicaton parameter

Type	Check Monitor frame
Name	Address 2
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:09.898
End of execution	2017-06-08 14:16:09.898
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	0x28
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 2 (Additional)
Description	Additional read of adrdress 0x02 generates a warning
State	Successful

State info	
Expected result	DontCareWarning
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:09.960
End of execution	2017-06-08 14:16:09.960
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	
Expected data	
Minimum received frames	0
Maximum received frames	0
Stop search after max. count frames	Yes
Count of received frames	0
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 3
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:10.023
End of execution	2017-06-08 14:16:10.023
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	3
Used frame type	FrameType0
Data received	0x01
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 4
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:10.085
End of execution	2017-06-08 14:16:10.085
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	4
Used frame type	FrameType0

Data received	0x11
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 5
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:10.147
End of execution	2017-06-08 14:16:10.147
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	5
Used frame type	FrameType0
Data received	0x48
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 6
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:10.210
End of execution	2017-06-08 14:16:10.210
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	6
Used frame type	FrameType0
Data received	0x08
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	MasterIdent
Description	Checks the communicated IOL frames between DUT and GD..

	A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:10.272
End of execution	2017-06-08 14:16:10.272
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x95
Expected data	0x95
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	SubFunction Reference
Name	Check: Read VID DID
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:10.335
End of execution	2017-06-08 14:16:10.787
Function	Check: Read VID DID

Type	Check Monitor frame
Name	Address 7
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:10.537
End of execution	2017-06-08 14:16:10.537
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	7
Used frame type	FrameType0
Data received	0x02
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 8
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:10.600
End of execution	2017-06-08 14:16:10.600
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	8
Used frame type	FrameType0
Data received	0xA4
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 9
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:10.662
End of execution	2017-06-08 14:16:10.662
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	9
Used frame type	FrameType0
Data received	0x00
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address A
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:10.725
End of execution	2017-06-08 14:16:10.725
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	10

Used frame type	FrameType0
Data received	0x2B
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address B
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:10.787
End of execution	2017-06-08 14:16:10.787
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	11
Used frame type	FrameType0
Data received	0xD2
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	DevicePreoperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:10.849
End of execution	2017-06-08 14:16:10.849
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x9A
Expected data	0x9A
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Serial no

Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:10.912
End of execution	2017-06-08 14:16:11.957
Timeout [ms]	1000
Service	ReadResponse_ok
Index	21
Subindex	0
Data received	0x30,0x31,0x32,0x33,0x34,0x35,0x36,0x37,0x38,0x39,0x41,0x42,0x43,0x44,0x45,0x46
Expected data	0x30,0x31,0x32,0x33,0x34,0x35,0x36,0x37,0x38,0x39,0x41,0x42,0x43,0x44,0x45,0x46
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	-1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor frame
Name	Operate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:12.019
End of execution	2017-06-08 14:16:12.035
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x99
Expected data	0x99
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Test Root : SDCI_TC_0199 (TCM_DLOD_PREP_SNNONCONFIG)

Type	Test Root
Name	SDCI_TC_0199 (TCM_DLOD_PREP_SNNONCONFIG)
Description	Check Master PREOPERATE behaviour without configured SerialNumber Check Master PREOPERATE behaviour without configured SerialNumber. The Master writes the MasterCommand 0x9A and turns into PREOPERATE mode. The Master then reads the SerialNumber of the "Device". The following comparison has no effect. The Master can start the Data Storage mechanism.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:12.097
End of execution	2017-06-08 14:16:42.814

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:12.160
End of execution	2017-06-08 14:16:24.203
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:12.409
End of execution	2017-06-08 14:16:13.751
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:13.813
End of execution	2017-06-08 14:16:14.313
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:14.375
End of execution	2017-06-08 14:16:14.531

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:14.593
End of execution	2017-06-08 14:16:14.593
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:14.656
End of execution	2017-06-08 14:16:14.656

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:16:14.718
End of execution	2017-06-08 14:16:23.844
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:23.907
End of execution	2017-06-08 14:16:24.203
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:24.265
End of execution	2017-06-08 14:16:27.307
Port ID	-1
Port Status	Fallback

Type	GD Get operation status

Name	NO_COM
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:27.370
End of execution	2017-06-08 14:16:27.557
Timeout [ms]	4000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:27.619
End of execution	2017-06-08 14:16:29.023
GD state	GDStandardState
Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:29.086
End of execution	2017-06-08 14:16:29.647
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x02A4
Device ID	0x002BD2
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:29.710
End of execution	2017-06-08 14:16:29.959
GD state	GDMonitorMode
Type	GD Prepare state
Name	Log ISDU
Description	Prepares the GD to run in a defined state.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:30.022
End of execution	2017-06-08 14:16:30.271
GD state	GDMonitorSPDUMode
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:30.334
End of execution	2017-06-08 14:16:30.505
Type	DUT Configuration
Name	default_Sensor_Aktor_VID_DID
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte) and defined VID/DID
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:30.568
End of execution	2017-06-08 14:16:30.568
Configuration set	default_Sensor_Aktor_VID_DID
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:30.630
End of execution	2017-06-08 14:16:30.630
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:30.693
End of execution	2017-06-08 14:16:39.819
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:39.881
End of execution	2017-06-08 14:16:40.162
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Stop loggging frames

Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:40.224
End of execution	2017-06-08 14:16:40.396
GD state	GDMonitorModeStop

Type	SubFunction Reference
Name	Check: Read communicaton parameter
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:40.458
End of execution	2017-06-08 14:16:41.020
Function	Check: Read communicaton parameter

Type	Check Monitor frame
Name	Address 2
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:40.708
End of execution	2017-06-08 14:16:40.708
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	0x28
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 2 (Additional)
Description	Additional read of adrdress 0x02 generates a warning
State	Successful
State info	
Expected result	DontCareWarning
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:40.770
End of execution	2017-06-08 14:16:40.770
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	
Expected data	
Minimum received frames	0
Maximum received frames	0

Stop search after max. count frames	Yes
Count of received frames	0
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 3
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:40.833
End of execution	2017-06-08 14:16:40.833
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	3
Used frame type	FrameType0
Data received	0x01
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 4
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:40.895
End of execution	2017-06-08 14:16:40.895
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	4
Used frame type	FrameType0
Data received	0x11
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 5
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:40.958
End of execution	2017-06-08 14:16:40.958
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	5
Used frame type	FrameType0
Data received	0x48
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 6
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:41.020
End of execution	2017-06-08 14:16:41.020
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	6
Used frame type	FrameType0
Data received	0x08
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	MasterIdent
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:41.082
End of execution	2017-06-08 14:16:41.082
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x95

Expected data	0x95
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	SubFunction Reference
Name	Check: Read VID DID
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:41.145
End of execution	2017-06-08 14:16:41.597
Function	Check: Read VID DID

Type	Check Monitor frame
Name	Address 7
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:41.348
End of execution	2017-06-08 14:16:41.348
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	7
Used frame type	FrameType0
Data received	0x02
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 8
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:41.410
End of execution	2017-06-08 14:16:41.410
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	8
Used frame type	FrameType0
Data received	0xA4
Expected data	
Minimum received frames	1

Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 9
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:41.472
End of execution	2017-06-08 14:16:41.472
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	9
Used frame type	FrameType0
Data received	0x00
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address A
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:41.535
End of execution	2017-06-08 14:16:41.535
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	10
Used frame type	FrameType0
Data received	0x2B
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address B
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:41.597
End of execution	2017-06-08 14:16:41.597
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	11
Used frame type	FrameType0
Data received	0xD2
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	DevicePreoperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:41.660
End of execution	2017-06-08 14:16:41.660
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x9A
Expected data	0x9A
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Serial no
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:41.722
End of execution	2017-06-08 14:16:42.736
Timeout [ms]	1000
Service	ReadResponse_ok
Index	21
Subindex	0
Data received	

	0x30,0x31,0x32,0x33,0x34,0x35,0x36,0x37,0x38,0x39,0x41,0x42,0x43,0x44,0x45,0x46
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	-1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor frame
Name	Operate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:42.798
End of execution	2017-06-08 14:16:42.814
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x99
Expected data	0x99
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Test Root : SDCI_TC_0202/206 (TCM_DLOD_PREP_TYPE0READOD1/TCM_DLOD_PREP_TYPE0WRITEOD1)

Type	Test Root
Name	SDCI_TC_0202/206 (TCM_DLOD_PREP_TYPE0READOD1/TCM_DLOD_PREP_TYPE0WRITEOD1)
Description	Master to use TYPE_0 to read/write ISDU in PREOPERATE mode (1OD). The Master reads from address 0x03 of the Direct Parameter page 1 the information which PREOPERATE F-sequence type can be used.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:42.876
End of execution	2017-06-08 14:17:11.627

Type	SubFunction Reference
Name	Clear DS
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:42.939
End of execution	2017-06-08 14:16:57.806
Function	Clear DataStorage

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:43.251
End of execution	2017-06-08 14:16:44.764
GD state	GDStandardState

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:44.826
End of execution	2017-06-08 14:16:44.982

Type	DUT Configuration
Name	Clear data storage
Description	Configures the DUT with the predefined default configuration set without DS enabled and with different VID/DID. To be sure that parameter server is cleared.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:45.045
End of execution	2017-06-08 14:16:45.045
Configuration set	default_Sensor_Aktor_VID_DID

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	

Start of execution	2017-06-08 14:16:45.107
End of execution	2017-06-08 14:16:45.107
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:45.170
End of execution	2017-06-08 14:16:45.856
Type	DUT Configuration
Name	Data storage
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte, Data storage active).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:45.918
End of execution	2017-06-08 14:16:45.918
Configuration set	default_DataStorage
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:45.981
End of execution	2017-06-08 14:16:45.981
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:16:46.043
End of execution	2017-06-08 14:16:55.169
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:55.232
End of execution	2017-06-08 14:16:55.466
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	

Start of execution	2017-06-08 14:16:55.528
End of execution	2017-06-08 14:16:57.556
Port ID	-1
Port Status	Fallback

Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in NO COM state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:57.618
End of execution	2017-06-08 14:16:57.806
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:57.868
End of execution	2017-06-08 14:16:59.272
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:59.334
End of execution	2017-06-08 14:16:59.896
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	GD Prepare state
Name	Monitor
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:16:59.958
End of execution	2017-06-08 14:17:00.208
GD state	GDMonitorMode

Type	GD ISDU Write
Name	Set DS_UPLOAD_FLAG
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:00.270
End of execution	2017-06-08 14:17:00.520
Response service	0
Index	3
Subindex	2
Data	0x80

Type	GD Prepare state
Name	Monitor ISDU
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:00.582
End of execution	2017-06-08 14:17:00.832
GD state	GDMonitorSPDUMode

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:00.894
End of execution	2017-06-08 14:17:10.020
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:10.083
End of execution	2017-06-08 14:17:10.317
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Stop loggging frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:10.379
End of execution	2017-06-08 14:17:10.551
GD state	GDMonitorModeStop

Type	Check Monitor frame
Name	DevicePreoperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:10.613
End of execution	2017-06-08 14:17:10.629
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x9A
Expected data	0x9A
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read DS State_Property
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:10.691
End of execution	2017-06-08 14:17:10.691
Timeout [ms]	0
Service	ReadResponse_ok
Index	3
Subindex	2
Data received	0x80
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read DS Size
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:10.754
End of execution	2017-06-08 14:17:10.754
Timeout [ms]	0
Service	ReadResponse_ok
Index	3
Subindex	3
Data received	0x00,0x00,0x00,0x10
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1

Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	SubFunction Reference
Name	Check DS upload sequence
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:10.816
End of execution	2017-06-08 14:17:11.346
Function	Check DS upload sequence

Type	Check Monitor ISDU
Name	DS_UploadStart
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:11.034
End of execution	2017-06-08 14:17:11.034
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x01
Expected data	0x01
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read 0x123 / 0
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:11.097
End of execution	2017-06-08 14:17:11.097
Timeout [ms]	0
Service	ReadResponse_ok
Index	291
Subindex	0
Data received	0x12,0x34
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read 0x124 / 1
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:11.159
End of execution	2017-06-08 14:17:11.159
Timeout [ms]	0
Service	ReadResponse_ok
Index	292
Subindex	1
Data received	0x55
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read 0x124 / 2
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:11.222
End of execution	2017-06-08 14:17:11.222
Timeout [ms]	0
Service	ReadResponse_ok
Index	292
Subindex	2
Data received	0xAA
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read CS
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:11.284
End of execution	2017-06-08 14:17:11.284
Timeout [ms]	0
Service	ReadResponse_ok
Index	3
Subindex	4
Data received	0xAA,0x55,0x34,0x12
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	DS_UploadStop
Description	Checks the communicated ISDU services between DUT and GD.

	A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:11.346
End of execution	2017-06-08 14:17:11.346
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x02
Expected data	0x02
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor frame
Name	ISDU Write
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:11.409
End of execution	2017-06-08 14:17:11.456
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ServiceSPDU
Address	-1
Used frame type	FrameType0
Data received	0x25
Expected data	
Minimum received frames	40
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	53
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	ISDU Read
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:11.518
End of execution	2017-06-08 14:17:11.549
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Read
Used data channel	ServiceSPDU
Address	-1
Used frame type	FrameType0
Data received	

Expected data	
Minimum received frames	67
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	295
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	Yes

Type	Check Monitor frame
Name	DeviceOperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:11.612
End of execution	2017-06-08 14:17:11.627
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x99
Expected data	0x99
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	Yes

Test Root : SDCI_TC_0203/207 (TCM_DLOD_PREP_TYPE12READOD2/TCM_DLOD_PREP_TYPE12WRITEOD2)

Type	Test Root
Name	SDCI_TC_0203/207 (TCM_DLOD_PREP_TYPE12READOD2/TCM_DLOD_PREP_TYPE12WRITEOD2)
Description	Master to use TYPE_1_2 to read/write ISDU in PREOPERATE mode (2OD). The Master reads from address 0x03 of the Direct Parameter page 1 the information which PREOPERATE F-sequence type can be used.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:11.690
End of execution	2017-06-08 14:17:40.394

Type	SubFunction Reference
Name	Clear DS
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:11.752
End of execution	2017-06-08 14:17:26.541
Function	Clear DataStorage

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:12.111
End of execution	2017-06-08 14:17:13.499
GD state	GDStandardState

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:13.562
End of execution	2017-06-08 14:17:13.686

Type	DUT Configuration
Name	Clear data storage
Description	Configures the DUT with the predefined default configuration set without DS enabled and with different VID/DID. To be sure that parameter server is cleared.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:13.749
End of execution	2017-06-08 14:17:13.749
Configuration set	default_Sensor_Aktor_VID_DID

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	

Start of execution	2017-06-08 14:17:13.811
End of execution	2017-06-08 14:17:13.811
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:13.874
End of execution	2017-06-08 14:17:14.560
Type	DUT Configuration
Name	Data storage
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte, Data storage active).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:14.622
End of execution	2017-06-08 14:17:14.622
Configuration set	default_DataStorage
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:14.685
End of execution	2017-06-08 14:17:14.685
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:17:14.747
End of execution	2017-06-08 14:17:23.873
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:23.936
End of execution	2017-06-08 14:17:24.201
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	

Start of execution	2017-06-08 14:17:24.263
End of execution	2017-06-08 14:17:26.291
Port ID	-1
Port Status	Fallback

Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in NO COM state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:26.354
End of execution	2017-06-08 14:17:26.541
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:26.603
End of execution	2017-06-08 14:17:28.007
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:28.070
End of execution	2017-06-08 14:17:28.631
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_1_2

Type	GD Prepare state
Name	Monitor
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:28.694
End of execution	2017-06-08 14:17:28.943
GD state	GDMonitorMode

Type	GD ISDU Write
Name	Set DS_UPLOAD_FLAG
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:29.006
End of execution	2017-06-08 14:17:29.255
Response service	0
Index	3
Subindex	2
Data	0x80
Type	GD Prepare state
Name	Monitor ISDU
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:29.318
End of execution	2017-06-08 14:17:29.567
GD state	GDMonitorSPDUMode
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:29.630
End of execution	2017-06-08 14:17:38.756
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:38.818
End of execution	2017-06-08 14:17:39.068
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Stop loggging frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:39.130
End of execution	2017-06-08 14:17:39.302
GD state	GDMonitorModeStop
Type	Check Monitor frame
Name	DevicePreoperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:39.364
End of execution	2017-06-08 14:17:39.380
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x9A
Expected data	0x9A
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read DS State_Property
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:39.442
End of execution	2017-06-08 14:17:39.442
Timeout [ms]	0
Service	ReadResponse_ok
Index	3
Subindex	2
Data received	0x80
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read DS Size
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:39.504
End of execution	2017-06-08 14:17:39.504
Timeout [ms]	0
Service	ReadResponse_ok
Index	3
Subindex	3
Data received	0x00,0x00,0x00,0x10
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1

Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	SubFunction Reference
Name	Check DS upload sequence
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:39.567
End of execution	2017-06-08 14:17:40.144
Function	Check DS upload sequence

Type	Check Monitor ISDU
Name	DS_UploadStart
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:39.832
End of execution	2017-06-08 14:17:39.832
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x01
Expected data	0x01
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read 0x123 / 0
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:39.894
End of execution	2017-06-08 14:17:39.894
Timeout [ms]	0
Service	ReadResponse_ok
Index	291
Subindex	0
Data received	0x12,0x34
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read 0x124 / 1
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:39.957
End of execution	2017-06-08 14:17:39.957
Timeout [ms]	0
Service	ReadResponse_ok
Index	292
Subindex	1
Data received	0x55
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read 0x124 / 2
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:40.019
End of execution	2017-06-08 14:17:40.019
Timeout [ms]	0
Service	ReadResponse_ok
Index	292
Subindex	2
Data received	0xAA
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read CS
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:40.082
End of execution	2017-06-08 14:17:40.082
Timeout [ms]	0
Service	ReadResponse_ok
Index	3
Subindex	4
Data received	0xAA,0x55,0x34,0x12
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	DS_UploadStop
Description	Checks the communicated ISDU services between DUT and GD.

	A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:40.144
End of execution	2017-06-08 14:17:40.144
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x02
Expected data	0x02
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor frame
Name	ISDU Write
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:40.206
End of execution	2017-06-08 14:17:40.238
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ServiceSPDU
Address	-1
Used frame type	FrameType1_2
Data received	0x25,0x00
Expected data	
Minimum received frames	20
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	31
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	ISDU Read
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:40.300
End of execution	2017-06-08 14:17:40.316
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Read
Used data channel	ServiceSPDU
Address	-1
Used frame type	FrameType1_2
Data received	

Expected data	
Minimum received frames	37
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	170
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	Yes

Type	Check Monitor frame
Name	DeviceOperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:40.378
End of execution	2017-06-08 14:17:40.394
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType1_2
Data received	0x99,0x00
Expected data	0x99,0x00
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	Yes

Test Root : SDCI_TC_0204/208 (TCM_DLOD_PREP_TYPE1VREADOD8/TCM_DLOD_PREP_TYPE1VWRITEOD8)

Type	Test Root
Name	SDCI_TC_0204/208 (TCM_DLOD_PREP_TYPE1VREADOD8/TCM_DLOD_PREP_TYPE1VWRITEOD8)
Description	Master to use TYPE_1_V to read/write ISDU in PREOPERATE mode (8OD). The Master reads from address 0x03 of the Direct Parameter page 1 the information which PREOPERATE F-sequence type can be used.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:40.456
End of execution	2017-06-08 14:18:09.113

Type	SubFunction Reference
Name	Clear DS
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:40.518
End of execution	2017-06-08 14:17:55.292
Function	Clear DataStorage

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:40.846
End of execution	2017-06-08 14:17:42.250
GD state	GDStandardState

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:42.312
End of execution	2017-06-08 14:17:42.390

Type	DUT Configuration
Name	Clear data storage
Description	Configures the DUT with the predefined default configuration set without DS enabled and with different VID/DID. To be sure that parameter server is cleared.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:42.453
End of execution	2017-06-08 14:17:42.453
Configuration set	default_Sensor_Aktor_VID_DID

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	

Start of execution	2017-06-08 14:17:42.515
End of execution	2017-06-08 14:17:42.515
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:42.578
End of execution	2017-06-08 14:17:43.264
Type	DUT Configuration
Name	Data storage
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte, Data storage active).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:43.326
End of execution	2017-06-08 14:17:43.326
Configuration set	default_DataStorage
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:43.389
End of execution	2017-06-08 14:17:43.389
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:17:43.451
End of execution	2017-06-08 14:17:52.577
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:52.640
End of execution	2017-06-08 14:17:52.952
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	

Start of execution	2017-06-08 14:17:53.014
End of execution	2017-06-08 14:17:55.042
Port ID	-1
Port Status	Fallback

Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in NO COM state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:55.104
End of execution	2017-06-08 14:17:55.292
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:55.354
End of execution	2017-06-08 14:17:56.758
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:56.820
End of execution	2017-06-08 14:17:57.382
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_1_V_8REQ

Type	GD Prepare state
Name	Monitor
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:57.444
End of execution	2017-06-08 14:17:57.694
GD state	GDMonitorMode

Type	GD ISDU Write
Name	Set DS_UPLOAD_FLAG
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:57.756
End of execution	2017-06-08 14:17:58.006
Response service	0
Index	3
Subindex	2
Data	0x80
Type	GD Prepare state
Name	Monitor ISDU
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:58.068
End of execution	2017-06-08 14:17:58.318
GD state	GDMonitorSPDUMode
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:17:58.380
End of execution	2017-06-08 14:18:07.506
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:07.569
End of execution	2017-06-08 14:18:07.803
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Stop loggging frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:07.865
End of execution	2017-06-08 14:18:08.037
GD state	GDMonitorModeStop
Type	Check Monitor frame
Name	DevicePreoperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:08.099
End of execution	2017-06-08 14:18:08.115
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x9A
Expected data	0x9A
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read DS State_Property
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:08.177
End of execution	2017-06-08 14:18:08.177
Timeout [ms]	0
Service	ReadResponse_ok
Index	3
Subindex	2
Data received	0x80
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read DS Size
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:08.240
End of execution	2017-06-08 14:18:08.240
Timeout [ms]	0
Service	ReadResponse_ok
Index	3
Subindex	3
Data received	0x00,0x00,0x00,0x10
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1

Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	SubFunction Reference
Name	Check DS upload sequence
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:08.302
End of execution	2017-06-08 14:18:08.864
Function	Check DS upload sequence

Type	Check Monitor ISDU
Name	DS_UploadStart
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:08.552
End of execution	2017-06-08 14:18:08.552
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x01
Expected data	0x01
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read 0x123 / 0
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:08.614
End of execution	2017-06-08 14:18:08.614
Timeout [ms]	0
Service	ReadResponse_ok
Index	291
Subindex	0
Data received	0x12,0x34
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read 0x124 / 1
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:08.676
End of execution	2017-06-08 14:18:08.676
Timeout [ms]	0
Service	ReadResponse_ok
Index	292
Subindex	1
Data received	0x55
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read 0x124 / 2
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:08.739
End of execution	2017-06-08 14:18:08.739
Timeout [ms]	0
Service	ReadResponse_ok
Index	292
Subindex	2
Data received	0xAA
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read CS
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:08.801
End of execution	2017-06-08 14:18:08.801
Timeout [ms]	0
Service	ReadResponse_ok
Index	3
Subindex	4
Data received	0xAA,0x55,0x34,0x12
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	DS_UploadStop
Description	Checks the communicated ISDU services between DUT and GD.

	A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:08.864
End of execution	2017-06-08 14:18:08.864
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x02
Expected data	0x02
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor frame
Name	ISDU Write
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:08.926
End of execution	2017-06-08 14:18:08.942
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ServiceSPDU
Address	-1
Used frame type	FrameType1_V
Data received	0x25,0x03,0x01,0x02,0x25,0x00,0x00,0x00
Expected data	
Minimum received frames	10
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	13
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	ISDU Read
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:09.004
End of execution	2017-06-08 14:18:09.035
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Read
Used data channel	ServiceSPDU
Address	-1
Used frame type	FrameType1_V
Data received	

Expected data	
Minimum received frames	9
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	74
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	Yes

Type	Check Monitor frame
Name	DeviceOperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:09.098
End of execution	2017-06-08 14:18:09.113
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType1_V
Data received	0x99,0x00,0x00,0x00,0x00,0x00,0x00,0x00
Expected data	0x99,0x00,0x00,0x00,0x00,0x00,0x00,0x00
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	Yes

Test Root : SDCI_TC_0205/209 (TCM_DLOD_PREP_TYPE1VREADOD32/TCM_DLOD_PREP_TYPE1VWRITEOD32)

Type	Test Root
Name	SDCI_TC_0205/209 (TCM_DLOD_PREP_TYPE1VREADOD32/TCM_DLOD_PREP_TYPE1VWRITEOD32)
Description	Master to use TYPE_1_V to read/write ISDU in PREOPERATE mode (32OD). The Master reads from address 0x03 of the Direct Parameter page 1 the information which PREOPERATE F-sequence type can be used.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:09.176
End of execution	2017-06-08 14:18:37.849

Type	SubFunction Reference
Name	Clear DS
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:09.238
End of execution	2017-06-08 14:18:24.027
Function	Clear DataStorage

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:09.566
End of execution	2017-06-08 14:18:10.985
GD state	GDStandardState

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:11.048
End of execution	2017-06-08 14:18:11.126

Type	DUT Configuration
Name	Clear data storage
Description	Configures the DUT with the predefined default configuration set without DS enabled and with different VID/DID. To be sure that parameter server is cleared.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:11.188
End of execution	2017-06-08 14:18:11.188
Configuration set	default_Sensor_Aktor_VID_DID

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	

Start of execution	2017-06-08 14:18:11.250
End of execution	2017-06-08 14:18:11.250
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:11.313
End of execution	2017-06-08 14:18:11.999
Type	DUT Configuration
Name	Data storage
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte, Data storage active).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:12.062
End of execution	2017-06-08 14:18:12.062
Configuration set	default_DataStorage
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:12.124
End of execution	2017-06-08 14:18:12.124
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:18:12.186
End of execution	2017-06-08 14:18:21.312
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:21.375
End of execution	2017-06-08 14:18:21.687
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	

Start of execution	2017-06-08 14:18:21.749
End of execution	2017-06-08 14:18:23.777
Port ID	-1
Port Status	Fallback

Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in NO COM state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:23.840
End of execution	2017-06-08 14:18:24.027
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:24.089
End of execution	2017-06-08 14:18:25.493
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:25.556
End of execution	2017-06-08 14:18:26.117
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_1_V_32REQ

Type	GD Prepare state
Name	Monitor
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:26.180
End of execution	2017-06-08 14:18:26.429
GD state	GDMonitorMode

Type	GD ISDU Write
Name	Set DS_UPLOAD_FLAG
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:26.492
End of execution	2017-06-08 14:18:26.741
Response service	0
Index	3
Subindex	2
Data	0x80

Type	GD Prepare state
Name	Monitor ISDU
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:26.804
End of execution	2017-06-08 14:18:27.053
GD state	GDMonitorSPDUMode

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:27.116
End of execution	2017-06-08 14:18:36.242
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:36.304
End of execution	2017-06-08 14:18:36.538
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Stop loggging frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:36.601
End of execution	2017-06-08 14:18:36.772
GD state	GDMonitorModeStop

Type	Check Monitor frame
Name	DevicePreoperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:36.835
End of execution	2017-06-08 14:18:36.850
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x9A
Expected data	0x9A
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read DS State_Property
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:36.913
End of execution	2017-06-08 14:18:36.913
Timeout [ms]	0
Service	ReadResponse_ok
Index	3
Subindex	2
Data received	0x80
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read DS Size
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:36.975
End of execution	2017-06-08 14:18:36.975
Timeout [ms]	0
Service	ReadResponse_ok
Index	3
Subindex	3
Data received	0x00,0x00,0x00,0x10
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1

Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	SubFunction Reference
Name	Check DS upload sequence
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:37.037
End of execution	2017-06-08 14:18:37.615
Function	Check DS upload sequence

Type	Check Monitor ISDU
Name	DS_UploadStart
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:37.287
End of execution	2017-06-08 14:18:37.287
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x01
Expected data	0x01
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read 0x123 / 0
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:37.349
End of execution	2017-06-08 14:18:37.365
Timeout [ms]	0
Service	ReadResponse_ok
Index	291
Subindex	0
Data received	0x12,0x34
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read 0x124 / 1
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:37.427
End of execution	2017-06-08 14:18:37.427
Timeout [ms]	0
Service	ReadResponse_ok
Index	292
Subindex	1
Data received	0x55
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read 0x124 / 2
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:37.490
End of execution	2017-06-08 14:18:37.490
Timeout [ms]	0
Service	ReadResponse_ok
Index	292
Subindex	2
Data received	0xAA
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read CS
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:37.552
End of execution	2017-06-08 14:18:37.552
Timeout [ms]	0
Service	ReadResponse_ok
Index	3
Subindex	4
Data received	0xAA,0x55,0x34,0x12
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	DS_UploadStop
Description	Checks the communicated ISDU services between DUT and GD.

	A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:37.615
End of execution	2017-06-08 14:18:37.615
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x02
Expected data	0x02
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor frame
Name	ISDU Write
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:37.677
End of execution	2017-06-08 14:18:37.693
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ServiceSPDU
Address	-1
Used frame type	FrameType1_V
Data received	0x25,0x03,0x01,0x02,0x25,0x00,0x00,0x00

Address	-1
Used frame type	FrameType1_V
Data received	
Expected data	
Minimum received frames	8
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	55
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	Yes

Type	Check Monitor frame
Name	DeviceOperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:18:37.833
End of execution	2017-06-08 14:18:37.849
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType1_V
Data received	
	0x99,0x00,0x00,0x00

Test Root : SDCI_TC_0210 (TCM_DLOD_OPER_TYPE0READOD1)

Type	Test Root
Name	SDCI_TC_0210 (TCM_DLOD_OPER_TYPE0READOD1)
Description	Master to use TYPE_0 to read Index 24 in OPERATE mode (1 OD). Master to use TYPE_0 to read Index 24 in OPERATE mode (1 OD). The Master reads from address 0x03 of the Direct Parameter page 1 the information which OP-ERATE F-sequence type can be used.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:38.887
End of execution	2017-06-08 14:14:55.595

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:38.950
End of execution	2017-06-08 14:14:41.446
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: 0 Byte In/Out and 0 as F-sequence Capability should result in TYPE_0 F-sequence type
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:41.508
End of execution	2017-06-08 14:14:42.070
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	0
PD Out Length [Bit]	0
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	GD ISDU Write
Name	Application Specific Name
Description	Executes a write Service to the ISDU parameter 'Application Specific Name'
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:42.132
End of execution	2017-06-08 14:14:42.662
Response service	0
Index	24
Subindex	0
Data	0xBF

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:42.725
End of execution	2017-06-08 14:14:44.347
Type	DUT Configuration
Name	0Byte Sensor 0Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 0 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:44.410
End of execution	2017-06-08 14:14:44.410
Configuration set	default_0ByteSensor_0ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:44.472
End of execution	2017-06-08 14:14:44.472
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:14:44.534
End of execution	2017-06-08 14:14:53.661
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:53.723
End of execution	2017-06-08 14:14:53.973
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:54.035
End of execution	2017-06-08 14:14:54.207
GD state	GDMonitorMode
Type	DUT ISDU Read

Name	Application Specific Name
Description	Executes a SPDU Read Service to parameter 'Application Specific Name' via the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:54.269
End of execution	2017-06-08 14:14:55.314
Port ID	-1
Index	24
Subindex	0
Data received	0xBF
Expected data	0xBF
Empty data expected	No

Type	GD Prepare state
Name	Stop loggging frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:55.377
End of execution	2017-06-08 14:14:55.517
GD state	GDMonitorModeStop

Type	Check Monitor frame
Name	Check frame type 0
Description	Checks the communicated IOL frames between DUT and GD. The frame type shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:55.579
End of execution	2017-06-08 14:14:55.595
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	DontCare
Used data channel	ServiceSPDU
Address	-1
Used frame type	FrameType0
Data received	
Expected data	
Minimum received frames	1
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	324
Expected position (latest)	-1
Clear receive queue	Yes
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Test Root : SDCI_TC_0211 (TCM_DLOD_OPER_TYPE0WRITEOD1)

Type	Test Root
Name	SDCI_TC_0211 (TCM_DLOD_OPER_TYPE0WRITEOD1)
Description	Master to use TYPE_0 to write to Index 24 in OPERATE mode (1 OD). Master to use TYPE_0 to write to Index 24 in OPERATE mode (1 OD). The Master reads from address 0x03 of the Direct Parameter page 1 the information which OPERATE F-sequence type can be used.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:55.657
End of execution	2017-06-08 14:15:10.446

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:55.720
End of execution	2017-06-08 14:14:57.249
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: 0 Byte In/Out and 0 as F-sequence Capability should result in TYPE_0 F-sequence type
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:57.311
End of execution	2017-06-08 14:14:57.873
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	0
PD Out Length [Bit]	0
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	GD ISDU Write
Name	Application Specific Name
Description	Executes a write Service to the ISDU parameter 'Application Specific Name'
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:57.935
End of execution	2017-06-08 14:14:58.465
Response service	0
Index	24
Subindex	0
Data	0x00

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:58.528
End of execution	2017-06-08 14:14:58.715
Type	DUT Configuration
Name	0Byte Sensor 0Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 0 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:58.777
End of execution	2017-06-08 14:14:58.777
Configuration set	default_0ByteSensor_0ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:58.840
End of execution	2017-06-08 14:14:58.840
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:14:58.902
End of execution	2017-06-08 14:15:08.028
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:08.091
End of execution	2017-06-08 14:15:08.356
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:08.418
End of execution	2017-06-08 14:15:08.590
GD state	GDMonitorMode
Type	DUT ISDU Write

Name	Application Specific Name
Description	Executes a SPDU Write Service to parameter 'Application Specific Name' via the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:08.652
End of execution	2017-06-08 14:15:09.807
Port ID	-1
Index	24
Subindex	0
Data	0xBF

Type	GD Prepare state
Name	Stop loggging frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:09.869
End of execution	2017-06-08 14:15:10.103
GD state	GDMonitorModeStop

Type	Check Monitor frame
Name	Check frame type 0
Description	Checks the communicated IOL frames between DUT and GD. The frame type shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:10.165
End of execution	2017-06-08 14:15:10.181
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	DontCare
Used data channel	ServiceSPDU
Address	-1
Used frame type	FrameType0
Data received	
Expected data	
Minimum received frames	1
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	375
Expected position (latest)	-1
Clear receive queue	Yes
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	GD ISDU Read
Name	Check Application Specific Name
Description	Verify if the GD has stored the written test data of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:10.243
End of execution	2017-06-08 14:15:10.446
Index	24
Subindex	0
Data received	0xBF,0x00,0x00,0x00

	0xBF,0x00,0x00,0x00

Test Root : SDCI_TC_0212 (TCM_DLOD_OPER_TYPE12WRITEOD2)

Type	Test Root
Name	SDCI_TC_0212 (TCM_DLOD_OPER_TYPE12WRITEOD2)
Description	Master to use TYPE_1_2 to write to Index 24 in OPERATE mode (2 OD). Master to use TYPE_1_2 to write to Index 24 in OPERATE mode (2 OD). The Master reads from address 0x03 of the Direct Parameter page 1 the information which OPERATE F-sequence type can be used.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:10.509
End of execution	2017-06-08 14:15:24.939

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:10.571
End of execution	2017-06-08 14:15:11.959
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: 0 Byte In/Out and 1 as F-sequence Capability should result in TYPE_1_2 F-sequence type
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:12.022
End of execution	2017-06-08 14:15:12.583
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	0
PD Out Length [Bit]	0
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_1
PreOperate Frame type	TYPE_0

Type	GD ISDU Write
Name	Application Specific Name
Description	Executes a write Service to the ISDU parameter 'Application Specific Name'
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:12.646
End of execution	2017-06-08 14:15:13.176
Response service	0
Index	24
Subindex	0
Data	0x00

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:13.239
End of execution	2017-06-08 14:15:13.317
Type	DUT Configuration
Name	0Byte Sensor 0Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 0 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:13.379
End of execution	2017-06-08 14:15:13.379
Configuration set	default_0ByteSensor_0ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:13.441
End of execution	2017-06-08 14:15:13.441
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:15:13.504
End of execution	2017-06-08 14:15:22.630
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:22.692
End of execution	2017-06-08 14:15:22.864
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:22.926
End of execution	2017-06-08 14:15:23.098
GD state	GDMonitorMode
Type	DUT ISDU Write

Name	Application Specific Name
Description	Executes a SPDU Write Service to parameter 'Application Specific Name' via the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:23.160
End of execution	2017-06-08 14:15:24.299
Port ID	-1
Index	24
Subindex	0
Data	0xAA,0xBF

Type	GD Prepare state
Name	Stop loggging frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:24.361
End of execution	2017-06-08 14:15:24.611
GD state	GDMonitorModeStop

Type	Check Monitor frame
Name	Check frame type 1_2
Description	Checks the communicated IOL frames between DUT and GD. The frame type shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:24.673
End of execution	2017-06-08 14:15:24.689
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	DontCare
Used data channel	ServiceSPDU
Address	-1
Used frame type	FrameType1_2
Data received	
Expected data	
Minimum received frames	1
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	375
Expected position (latest)	-1
Clear receive queue	Yes
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	GD ISDU Read
Name	Check Application Specific Name
Description	Verify if the GD has stored the written test data of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:15:24.705
End of execution	2017-06-08 14:15:24.939
Index	24
Subindex	0
Data received	0xAA,0xBF,0x00,0x00,0x00

	0xAA,0xBF,0x00,0x00,0x00

Test Root : SDCI_TC_0213 (TCM_DLFB_PROP_OK)

Type	Test Root
Name	SDCI_TC_0213 (TCM_DLFB_PROP_OK)
Description	Test of Master Fallback from PREOPERATE mode. This TC is optional. If the system integration interface did no support the 'GoToPreoperate' PortFunction you can disable this TC. If the 'GoToPreoperate' PortFunction is supported, it is higly recommended to execute this TC. Test of Master Fallback from PREOPERATE mode. The Master is in PREOPERATE communication when it sends the MasterCommand 0x5A (Fallback). Upon receipt of the valid response the Master switches its port to SIO mode "DI".
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:12:41.949
End of execution	2017-06-08 14:13:09.468

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:12:42.012
End of execution	2017-06-08 14:12:56.692
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:12:42.246
End of execution	2017-06-08 14:12:44.757
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:12:44.820
End of execution	2017-06-08 14:12:45.381
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0

PreOperate Frame type	TYPE_0
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:12:45.444
End of execution	2017-06-08 14:12:47.113
Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:12:47.175
End of execution	2017-06-08 14:12:47.175
Configuration set	default_1ByteSensor_1ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:12:47.238
End of execution	2017-06-08 14:12:47.238
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:12:47.300
End of execution	2017-06-08 14:12:56.426
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:12:56.489
End of execution	2017-06-08 14:12:56.692
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD PD Write
Name	PD low
Description	Writes outgoing process data to the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:12:56.754

End of execution	2017-06-08 14:12:56.941
Data	0x00
Type	Wait
Name	
Description	
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:12:57.004
End of execution	2017-06-08 14:12:57.518
Wait time [ms]	500
Type	DUT PD Read
Name	Low
Description	Reads process data via the DUT from the GD. Precondition: The System data exchange mode must be started (-> CTODUTDataExchangeStart)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:12:57.581
End of execution	2017-06-08 14:12:57.596
Port ID	-1
Data	0x00
Expected data	0x00
Empty data expected	No
Type	DUT Port Status
Name	Change to PreOperate
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:12:57.659
End of execution	2017-06-08 14:13:03.743
Port ID	-1
Port Status	GoToPreOperate
Type	GD Get operation status
Name	PreOperate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:03.805
End of execution	2017-06-08 14:13:03.930
Timeout [ms]	5000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	PREOPERATE
Received GD IOL status	PREOPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	FallBack
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:03.992
End of execution	2017-06-08 14:13:07.034
Port ID	-1
Port Status	Fallback
Type	GD Get operation status
Name	NO COM

Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:07.097
End of execution	2017-06-08 14:13:07.206
Timeout [ms]	5000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD PD Write
Name	PD High
Description	Writes outgoing process data to the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:07.268
End of execution	2017-06-08 14:13:07.378
Data	0xFF

Type	Wait
Name	
Description	
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:07.393
End of execution	2017-06-08 14:13:07.908
Wait time [ms]	500

Type	User Question
Name	
Description	Probably not testable by the Test-System! Ask the user!
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:07.970
End of execution	2017-06-08 14:13:09.468
Question	Is a logical 1 signal is shown correctly on the target system?

Test Root : SDCI_TC_0214 (TCM_DLFB_PROP_FAILS)

Type	Test Root
Name	SDCI_TC_0214 (TCM_DLFB_PROP_FAILS)
Description	Test of Master when Fallback request from PREOPERATE fails. This TC is optional. If the system integration interface did no support the 'GoToPreoperate' PortFunction you can disable this TC. If the 'GoToPreoperate' PortFunction is supported, it is higly recommended to execute this TC. Test of Master when Fallback request from PREOPERATE fails. The Master is in PREOPERATE communication and sends the MasterCommand 0x5A (Fallback). Upon receipt of an invalid response the Master shall repeat the Fallback request (Master stays in communication mode). The Master shall start another MasterCom-mand after the reception of a second invalid response. Upon receipt of the valid re-sponse the Master iniates a port restart.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:13:09.530
End of execution	2017-06-08 14:13:33.976

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:09.593
End of execution	2017-06-08 14:13:21.792
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:09.827
End of execution	2017-06-08 14:13:11.278
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:11.340
End of execution	2017-06-08 14:13:11.902
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8

SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:11.964
End of execution	2017-06-08 14:13:12.073

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:12.136
End of execution	2017-06-08 14:13:12.136
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:12.198
End of execution	2017-06-08 14:13:12.198

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:13:12.260
End of execution	2017-06-08 14:13:21.386
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:21.449
End of execution	2017-06-08 14:13:21.792
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Port Status
Name	FallBack
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare

Optional step	No
Comment	
Start of execution	2017-06-08 14:13:21.854
End of execution	2017-06-08 14:13:24.896
Port ID	-1
Port Status	Fallback
Type	GD Error answer state
Name	Ignore Fallback Req
Description	Sets the GD in a silent/error mode (no answer or answer with wrong cs to the master)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:24.959
End of execution	2017-06-08 14:13:25.084
Type	OnlyFallbackRequest
Mode	NoAnswer
Count of answers	3
Type	DUT Port Status
Name	Change to PreOperate
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:25.146
End of execution	2017-06-08 14:13:29.202
Port ID	-1
Port Status	GoToPreOperate
Type	GD Get operation status
Name	PreOperate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:29.264
End of execution	2017-06-08 14:13:29.452
Timeout [ms]	5000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	PREOPERATE
Received GD IOL status	PREOPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:29.514
End of execution	2017-06-08 14:13:29.623
GD state	GDMonitorMode
Type	DUT Port Status
Name	FallBack
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:29.686
End of execution	2017-06-08 14:13:32.728

Port ID	-1
Port Status	Fallback
Type	Check Port restart
Name	
Description	Checks if the DUT tries restart (s). Interprets the logged master requests. Precondition: GD must log the master requests. CTOGDLogMasterRequest
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:32.790
End of execution	2017-06-08 14:13:32.899
Timeout [ms]	0
Alternative no communication	Yes
Type	Check Monitor frame
Name	Check for 3 times fallback command received
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:32.962
End of execution	2017-06-08 14:13:33.976
Timeout [ms]	1000
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	DontCare
Data received	0x5A
Expected data	0x5A
Minimum received frames	3
Maximum received frames	3
Stop search after max. count frames	No
Count of received frames	3
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Test Root : SDCI_TC_0215 (TCM_DLFB_OPER_OK)

Type	Test Root
Name	SDCI_TC_0215 (TCM_DLFB_OPER_OK)
Description	Test of Master Fallback from OPERATE mode. Test of Master Fallback from OPERATE mode. The Master is in OPERATE communication when it sends the MasterCommand 0x5A (Fallback). Upon receipt of the valid response the Master switches its port to SIO mode "DI".
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:34.038
End of execution	2017-06-08 14:13:54.131

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:34.100
End of execution	2017-06-08 14:13:46.300
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:34.334
End of execution	2017-06-08 14:13:35.785
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:35.848
End of execution	2017-06-08 14:13:36.409
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:36.472
End of execution	2017-06-08 14:13:36.659

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:36.721
End of execution	2017-06-08 14:13:36.721
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:36.784
End of execution	2017-06-08 14:13:36.784

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:13:36.846
End of execution	2017-06-08 14:13:45.972
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:46.034
End of execution	2017-06-08 14:13:46.300
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD PD Write
Name	PD low
Description	Writes outgoing process data to the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:46.362
End of execution	2017-06-08 14:13:46.534
Data	0x00

Type	Wait
Name	
Description	

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:46.596
End of execution	2017-06-08 14:13:47.111
Wait time [ms]	500
Type	DUT PD Read
Name	Low
Description	Reads process data via the DUT from the GD. Precondition: The System data exchange mode must be started (-> CTODUTDataExchangeStart)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:47.173
End of execution	2017-06-08 14:13:47.173
Port ID	-1
Data	0x00
Expected data	0x00
Empty data expected	No
Type	DUT Port Status
Name	FallBack
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:47.236
End of execution	2017-06-08 14:13:50.278
Port ID	-1
Port Status	Fallback
Type	GD Get operation status
Name	NO COM
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:50.340
End of execution	2017-06-08 14:13:50.558
Timeout [ms]	5000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD PD Write
Name	PD High
Description	Writes outgoing process data to the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:50.621
End of execution	2017-06-08 14:13:50.808
Data	0xFF
Type	Wait
Name	
Description	
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	

Start of execution	2017-06-08 14:13:50.870
End of execution	2017-06-08 14:13:51.385
Wait time [ms]	500
Type	DUT PD Read
Name	High
Description	Reads process data via the DUT from the GD. Precondition: The System data exchange mode must be started (-> CTODUTDataExchangeStart)
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:13:51.448
End of execution	2017-06-08 14:13:51.448
Port ID	-1
Data	0x01
Expected data	0x01
Empty data expected	No
Type	User Question
Name	
Description	Probably not testable by the Test-System! Ask the user!
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:51.510
End of execution	2017-06-08 14:13:54.131
Question	Is a logical 1 signal is shown correctly on the target system?

Test Root : SDCI_TC_0216 (TCM_DLFB_OPER_FAILS)

Type	Test Root
Name	SDCI_TC_0216 (TCM_DLFB_OPER_FAILS)
Description	Test of Master when Fallback request from STARTUP fails. Test of Master when Fallback request from STARTUP fails. The Master is in OPERATE communication and sends the MasterCommand 0x5A (Fallback). Upon receipt of an invalid response the Master shall repeat the Fallback request (Master stays in communication mode). The Master shall start another MasterCommand after the reception of a second invalid response. Upon receipt of the valid response the Master iniates a port restart.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:54.146
End of execution	2017-06-08 14:14:26.048

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:54.209
End of execution	2017-06-08 14:14:06.299
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:54.412
End of execution	2017-06-08 14:13:55.784
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:55.847
End of execution	2017-06-08 14:13:56.408
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop

Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:56.471
End of execution	2017-06-08 14:13:56.627

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:56.689
End of execution	2017-06-08 14:13:56.689
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:13:56.752
End of execution	2017-06-08 14:13:56.752

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:13:56.814
End of execution	2017-06-08 14:14:05.940
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:06.002
End of execution	2017-06-08 14:14:06.299
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:06.361
End of execution	2017-06-08 14:14:09.403
Port ID	-1

Port Status	Fallback
Type	GD Get operation status
Name	NO_COM
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:09.466
End of execution	2017-06-08 14:14:09.653
Timeout [ms]	4000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Error answer state
Name	Ignore Fallback Req
Description	Sets the GD in a silent/error mode (no answer or answer with wrong cs to the master)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:09.715
End of execution	2017-06-08 14:14:09.887
Type	OnlyFallbackRequest
Mode	NoAnswer
Count of answers	3
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:09.949
End of execution	2017-06-08 14:14:19.075
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:19.138
End of execution	2017-06-08 14:14:19.372
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:19.434

End of execution	2017-06-08 14:14:19.606
GD state	GDMonitorMode
Type	DUT Port Status
Name	FallBack
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:19.668
End of execution	2017-06-08 14:14:22.710
Port ID	-1
Port Status	Fallback
Type	Check Port restart
Name	
Description	Checks if the DUT tries restart (s). Interprets the logged master requests. Precondition: GD must log the master requests. CTOGDLogMasterRequest
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:22.772
End of execution	2017-06-08 14:14:24.972
Timeout [ms]	2000
Alternative no communication	Yes
Type	Check Monitor frame
Name	Check for 3 times fallback command received
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:14:25.034
End of execution	2017-06-08 14:14:26.048
Timeout [ms]	1000
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	DontCare
Data received	0x00,0x5A
Expected data	0x00,0x5A
Minimum received frames	3
Maximum received frames	3
Stop search after max. count frames	No
Count of received frames	3
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Test Root : SDCI_TC_0217 (TCM_DLCC_RTRY_CHCKSUMWRONG)

Type	Test Root
Name	SDCI_TC_0217 (TCM_DLCC_RTRY_CHCKSUMWRONG)
Description	Test of Master retry behavior after responses with wrong Checksum. Master is in communication. The Master sends a message which is responded with the wrong checksum. The Master resends the message, again the checksum of the response is incorrect or there is no response to the message. The Master repeats the message one more time and receives a valid response from the "Device". The test shall be carried out for the STARTUP, PREOPERATE and OPERATE mode.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:00:50.559
End of execution	2017-06-08 14:02:11.024

Type	Loop
Name	over state
Description	Iterates over all child items
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:00:50.621
End of execution	2017-06-08 14:02:11.024
Count of loops	3
Current executed loop	3

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:01:45.206
End of execution	2017-06-08 14:01:57.342
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:01:45.268
End of execution	2017-06-08 14:01:46.844
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:01:46.906
End of execution	2017-06-08 14:01:47.452
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000

Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:01:47.514
End of execution	2017-06-08 14:01:47.624
Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:01:47.686
End of execution	2017-06-08 14:01:47.686
Configuration set	default_1ByteSensor_1ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:01:47.748
End of execution	2017-06-08 14:01:47.748
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:01:47.811
End of execution	2017-06-08 14:01:56.937
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:01:56.999
End of execution	2017-06-08 14:01:57.342
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE; OPERATE; OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0

Type	DUT Port Status

Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:01:57.405
End of execution	2017-06-08 14:02:00.447
Port ID	-1
Port Status	Fallback
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:02:00.509
End of execution	2017-06-08 14:02:00.634
GD state	GDMonitorMode
Type	GD Error answer state
Name	CS error on 2 Req
Description	Sets the GD in a silent/error mode (no answer or answer with wrong cs to the master)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:02:00.696
End of execution	2017-06-08 14:02:00.930
Type	OnlyWhileStartupMode; OnlyWhilePreOperate; OnlyWhileOperate
Mode	WrongCS
Count of answers	2
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:02:00.993
End of execution	2017-06-08 14:02:10.119
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:02:10.181
End of execution	2017-06-08 14:02:10.415
Timeout [ms]	1000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE; OPERATE; OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0
Type	GD Prepare state
Name	Stop log frames
Description	Prepares the GD to stop monitor all IO-Link frames.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:02:10.478
End of execution	2017-06-08 14:02:10.649
GD state	GDMonitorModeStop

Type	SubFunction Reference
Name	single Startup
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:02:10.712
End of execution	2017-06-08 14:02:11.024
Function	Check: Read VID DID

Type	Check Monitor frame
Name	Address 7
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:02:10.774
End of execution	2017-06-08 14:02:10.774
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	7
Used frame type	FrameType0
Data received	0x01; 0x01; 0x01
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1; 1; 1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 8
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:02:10.836
End of execution	2017-06-08 14:02:10.836
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	8
Used frame type	FrameType0
Data received	0x4E; 0x4E; 0x4E
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1; 1; 1

Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 9
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:02:10.899
End of execution	2017-06-08 14:02:10.899
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	9
Used frame type	FrameType0
Data received	0x4D; 0x4D; 0x4D
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1; 1; 1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address A
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:02:10.961
End of execution	2017-06-08 14:02:10.961
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	10
Used frame type	FrameType0
Data received	0x47; 0x47; 0x47
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1; 1; 1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address B
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No

Comment	
Start of execution	2017-06-08 14:02:11.024
End of execution	2017-06-08 14:02:11.024
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	11
Used frame type	FrameType0
Data received	0x44; 0x44; 0x44
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1; 1; 1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Test Root : SDCI_TC_0218 (TCM_DLCC_RTRY_CHCKSUMWRONGRESTART)

Type	Test Root
Name	SDCI_TC_0218 (TCM_DLCC_RTRY_CHCKSUMWRONGRESTART)
Description	Test of Master retry behavior after response with wrong Checksum and restart. Master is in communication. The Master sends a message for the first time, which is responded with the wrong checksum. The Master resends the message, again the checksum of the response is incorrect or there is no response to the message. The Master repeats the message one more time and does not receive a valid response from the "Device". The Master thus forces the Device to a restart to take the system back into a defined state. The test shall be carried out for the STARTUP, PREOPERATE and OPERATE mode.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:02:11.086
End of execution	2017-06-08 14:03:34.718

Type	Loop
Name	over state
Description	Iterates over all child items
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:02:11.148
End of execution	2017-06-08 14:03:34.718
Count of loops	3
Current executed loop	3

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:03:06.981
End of execution	2017-06-08 14:03:19.086
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:03:07.043
End of execution	2017-06-08 14:03:08.588
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:03:08.650
End of execution	2017-06-08 14:03:09.196
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1

Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:03:09.258
End of execution	2017-06-08 14:03:09.383
Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:03:09.446
End of execution	2017-06-08 14:03:09.446
Configuration set	default_1ByteSensor_1ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:03:09.508
End of execution	2017-06-08 14:03:09.508
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:03:09.570
End of execution	2017-06-08 14:03:18.696
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:03:18.759
End of execution	2017-06-08 14:03:19.086
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE; OPERATE; OPERATE

Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0

Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:03:19.149
End of execution	2017-06-08 14:03:22.191
Port ID	-1
Port Status	Fallback

Type	GD Error answer state
Name	CS error on 3 Req
Description	Sets the GD in a silent/error mode (no answer or answer with wrong cs to the master)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:03:22.253
End of execution	2017-06-08 14:03:22.378
Type	OnlyWhileStartupMode; OnlyWhilePreOperate; OnlyWhileOperate
Mode	WrongCS
Count of answers	3

Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:03:22.441
End of execution	2017-06-08 14:03:22.675
GD state	GDMonitorMode

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:03:22.737
End of execution	2017-06-08 14:03:31.863
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:03:31.925
End of execution	2017-06-08 14:03:32.159
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE; OPERATE; OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0

Type	Wait
Name	

Description	For Monitor
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:03:32.222
End of execution	2017-06-08 14:03:33.236
Wait time [ms]	1000
Type	GD Prepare state
Name	Stop log frames
Description	Prepares the GD to stop monitor all IO-Link frames.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:03:33.298
End of execution	2017-06-08 14:03:33.407
GD state	GDMonitorModeStop
Type	Check Port restart
Name	
Description	Checks if the DUT tries restart (s). Interprets the logged master requests. Precondition: GD must log the master requests. CTOGDLogMasterRequest
State	Successful
State info	Port startup successful detected.
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:03:33.470
End of execution	2017-06-08 14:03:34.718
Timeout [ms]	1000
Alternative no communication	Yes

Test Root : SDCI_TC_0219 (TCM_DLCC_RTRY_NORESPCHCKSUMRIGHT)

Type	Test Root
Name	SDCI_TC_0219 (TCM_DLCC_RTRY_NORESPCHCKSUMRIGHT)
Description	Test Master retry behavior after no responses and final correct Checksum. Master in communication. The Master sends for the first time a message, which is not responded. The Master resends the message and again the checksum is incorrect or there is no response to the message. The Master repeats the request message one last time and receives a valid response from the Device. The test shall be carried out for the STARTUP, PREOPERATE and OPERATE mode.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:03:34.780
End of execution	2017-06-08 14:04:52.952

Type	Loop
Name	over state
Description	Iterates over all child items
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:03:34.843
End of execution	2017-06-08 14:04:52.952
Count of loops	3
Current executed loop	3

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:04:27.134
End of execution	2017-06-08 14:04:39.271
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:04:27.196
End of execution	2017-06-08 14:04:28.772
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:04:28.834
End of execution	2017-06-08 14:04:29.380
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000

Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:04:29.443
End of execution	2017-06-08 14:04:29.630
Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:04:29.692
End of execution	2017-06-08 14:04:29.692
Configuration set	default_1ByteSensor_1ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:04:29.755
End of execution	2017-06-08 14:04:29.755
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:04:29.817
End of execution	2017-06-08 14:04:38.943
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:04:39.005
End of execution	2017-06-08 14:04:39.271
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE; OPERATE; OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0

Type	DUT Port Status

Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:04:39.333
End of execution	2017-06-08 14:04:42.375
Port ID	-1
Port Status	Fallback
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:04:42.437
End of execution	2017-06-08 14:04:42.562
GD state	GDMonitorMode
Type	GD Error answer state
Name	Ignore 2 Req
Description	Sets the GD in a silent/error mode (no answer or answer with wrong cs to the master)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:04:42.625
End of execution	2017-06-08 14:04:42.859
Type	OnlyWhileStartupMode; OnlyWhilePreOperate; OnlyWhileOperate
Mode	NoAnswer
Count of answers	2
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:04:42.921
End of execution	2017-06-08 14:04:52.047
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:04:52.109
End of execution	2017-06-08 14:04:52.343
Timeout [ms]	1000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE; OPERATE; OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0
Type	GD Prepare state
Name	Stop log frames
Description	Prepares the GD to stop monitor all IO-Link frames.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:04:52.406
End of execution	2017-06-08 14:04:52.577
GD state	GDMonitorModeStop

Type	SubFunction Reference
Name	single Startup
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:04:52.640
End of execution	2017-06-08 14:04:52.952
Function	Check: Read VID DID

Type	Check Monitor frame
Name	Address 7
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:04:52.702
End of execution	2017-06-08 14:04:52.702
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	7
Used frame type	FrameType0
Data received	0x01; 0x01; 0x01
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1; 1; 1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 8
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:04:52.765
End of execution	2017-06-08 14:04:52.765
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	8
Used frame type	FrameType0
Data received	0x4E; 0x4E; 0x4E
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1; 1; 1

Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 9
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:04:52.827
End of execution	2017-06-08 14:04:52.827
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	9
Used frame type	FrameType0
Data received	0x4D; 0x4D; 0x4D
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1; 1; 1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address A
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:04:52.889
End of execution	2017-06-08 14:04:52.889
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	10
Used frame type	FrameType0
Data received	0x47; 0x47; 0x47
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1; 1; 1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address B
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No

Comment	
Start of execution	2017-06-08 14:04:52.952
End of execution	2017-06-08 14:04:52.952
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	11
Used frame type	FrameType0
Data received	0x44; 0x44; 0x44
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1; 1; 1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Test Root : SDCI_TC_0220 (TCM_DLCC_RTRY_NORESPRESTART)

Type	Test Root
Name	SDCI_TC_0220 (TCM_DLCC_RTRY_NORESPRESTART)
Description	Test Master retry behavior after no responses ending with restart. Master is in communication. The Master sends for the first time a message, which is not responded. The Mas-ter resends the message and again the checksum is incorrect or there is no response to the message. The Master repeats the request message one last time and receives no response from the "Device". The test shall be carried out for the STARTUP, PREOPERATE and OPERATE mode.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:04:53.014
End of execution	2017-06-08 14:06:17.644

Type	Loop
Name	over state
Description	Iterates over all child items
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:04:53.077
End of execution	2017-06-08 14:06:17.644
Count of loops	3
Current executed loop	3

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:05:48.878
End of execution	2017-06-08 14:06:00.984
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:05:48.940
End of execution	2017-06-08 14:05:50.485
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:05:50.547
End of execution	2017-06-08 14:05:51.093
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000

Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:05:51.156
End of execution	2017-06-08 14:05:51.343
Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:05:51.405
End of execution	2017-06-08 14:05:51.405
Configuration set	default_1ByteSensor_1ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:05:51.468
End of execution	2017-06-08 14:05:51.468
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:05:51.530
End of execution	2017-06-08 14:06:00.656
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:00.718
End of execution	2017-06-08 14:06:00.984
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE; OPERATE; OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0

Type	DUT Port Status

Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:01.046
End of execution	2017-06-08 14:06:05.102
Port ID	-1
Port Status	Fallback
Type	GD Error answer state
Name	Ignore 3 Req
Description	Sets the GD in a silent/error mode (no answer or answer with wrong cs to the master)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:05.164
End of execution	2017-06-08 14:06:05.289
Type	OnlyWhileStartupMode; OnlyWhilePreOperate; OnlyWhileOperate
Mode	NoAnswer
Count of answers	3
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:05.352
End of execution	2017-06-08 14:06:05.601
GD state	GDMonitorMode
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:05.664
End of execution	2017-06-08 14:06:14.790
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:14.852
End of execution	2017-06-08 14:06:15.086
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE; GDCONFORMANCE; GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE; OPERATE; OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0; 0; 0
Type	Wait
Name	
Description	For Monitor
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:15.148
End of execution	2017-06-08 14:06:16.162
Wait time [ms]	1000
Type	GD Prepare state
Name	Stop log frames
Description	Prepares the GD to stop monitor all IO-Link frames.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:16.225
End of execution	2017-06-08 14:06:16.334
GD state	GDMonitorModeStop
Type	Check Port restart
Name	
Description	Checks if the DUT tries restart (s). Interprets the logged master requests. Precondition: GD must log the master requests. CTOGDLogMasterRequest
State	Successful
State info	Port startup successful detected.
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:16.396
End of execution	2017-06-08 14:06:17.644
Timeout [ms]	1000
Alternative no communication	Yes

Test Root : SDCI_TC_0221 (TCM_DLCC_RTRY_MAXWURQSUCCESS)

Type	Test Root
Name	SDCI_TC_0221 (TCM_DLCC_RTRY_MAXWURQSUCCESS)
Description	Test Master behavior with maximum WURQ sequences and final success. Master is in STARTUP mode. The Master sends for the first time a Wakeup pulse (WURQ) with subsequent communication requests; the "Device" does not respond to the subsequent communication requests. The Master resends the Wakeup pulse (WURQ) with subsequent communication requests and again there is no response from the "Device". The Master repeats for the last time the Wakeup pulse (WURQ) with subsequent communication requests. Finally, the "Device" responds to the communication requests.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:17.660
End of execution	2017-06-08 14:06:44.679

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:17.722
End of execution	2017-06-08 14:06:29.812
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:17.988
End of execution	2017-06-08 14:06:19.516
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:19.579
End of execution	2017-06-08 14:06:20.125
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	

Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:20.187
End of execution	2017-06-08 14:06:20.265

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:20.328
End of execution	2017-06-08 14:06:20.328
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:20.390
End of execution	2017-06-08 14:06:20.390

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:06:20.452
End of execution	2017-06-08 14:06:29.578
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:29.641
End of execution	2017-06-08 14:06:29.812
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:29.875
End of execution	2017-06-08 14:06:32.917
Port ID	-1
Port Status	Fallback

Type	GD Error answer state
Name	Ignore 2 Req
Description	Sets the GD in a silent/error mode (no answer or answer with wrong cs to the master)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:32.979
End of execution	2017-06-08 14:06:33.104
Type	OnlyComRequest
Mode	NoAnswer
Count of answers	2

Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:33.166
End of execution	2017-06-08 14:06:33.416
GD state	GDMonitorMode

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:33.478
End of execution	2017-06-08 14:06:42.604
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:42.667
End of execution	2017-06-08 14:06:42.901
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	Wait
Name	
Description	For Monitor
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:42.963
End of execution	2017-06-08 14:06:43.977
Wait time [ms]	1000

Type	GD Prepare state
Name	Stop log frames
Description	Prepares the GD to stop monitor all IO-Link frames.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:44.040
End of execution	2017-06-08 14:06:44.149
GD state	GDMonitorModeStop

Type	SubFunction Reference
Name	single Startup
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:44.211
End of execution	2017-06-08 14:06:44.679
Function	Check: Read VID DID

Type	Check Monitor frame
Name	Address 7
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:44.430
End of execution	2017-06-08 14:06:44.430
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	7
Used frame type	FrameType0
Data received	0x01
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 8
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:44.492
End of execution	2017-06-08 14:06:44.492
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	8
Used frame type	FrameType0
Data received	0x4E
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1

Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 9
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:44.554
End of execution	2017-06-08 14:06:44.554
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	9
Used frame type	FrameType0
Data received	0x4D
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address A
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:44.617
End of execution	2017-06-08 14:06:44.617
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	10
Used frame type	FrameType0
Data received	0x47
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address B
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No

Comment	
Start of execution	2017-06-08 14:06:44.679
End of execution	2017-06-08 14:06:44.679
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	11
Used frame type	FrameType0
Data received	0x44
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Test Root : SDCI_TC_0222 (TCM_DLCC_RTRY_MAXWURQNOSUCCESS)

Type	Test Root
Name	SDCI_TC_0222 (TCM_DLCC_RTRY_MAXWURQNOSUCCESS)
Description	Test Master behavior with maximum WURQ sequences and no final success. Master is in STARTUP mode. The Master sends for the first time a Wakeup pulse (WURQ) with subsequent communication requests; the "Device" does not respond to the subsequent communication requests. The Master resends the Wakeup pulse (WURQ) with subsequent communi-cation requests and again there is no response from the "Device". The Master repeats for the last time the Wakeup pulse (WURQ) with subsequent communication requests and again there is no response from the "Device". After a waiting time, the Master restarts the Wakeup requests and the "Device" responds in a correct manner.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:44.742
End of execution	2017-06-08 14:07:12.073

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:44.804
End of execution	2017-06-08 14:06:57.128
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:44.991
End of execution	2017-06-08 14:06:46.629
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:46.692
End of execution	2017-06-08 14:06:47.238
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:47.300
End of execution	2017-06-08 14:06:47.472

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:47.534
End of execution	2017-06-08 14:06:47.534
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:47.596
End of execution	2017-06-08 14:06:47.596

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 14:06:47.659
End of execution	2017-06-08 14:06:56.785
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:56.847
End of execution	2017-06-08 14:06:57.128
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:06:57.190
End of execution	2017-06-08 14:07:00.232

Port ID	-1
Port Status	Fallback
Type	GD Error answer state
Name	Ignore 3 Req
Description	Sets the GD in a silent/error mode (no answer or answer with wrong cs to the master)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:07:00.295
End of execution	2017-06-08 14:07:00.420
Type	OnlyComRequest
Mode	NoAnswer
Count of answers	3
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:07:00.482
End of execution	2017-06-08 14:07:00.732
GD state	GDMonitorMode
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	No
Comment	
Start of execution	2017-06-08 14:07:00.794
End of execution	2017-06-08 14:07:09.920
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:07:09.983
End of execution	2017-06-08 14:07:10.217
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	Wait
Name	
Description	For Monitor
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:07:10.279
End of execution	2017-06-08 14:07:11.293
Wait time [ms]	1000
Type	GD Prepare state
Name	Stop log frames
Description	Prepares the GD to stop monitor all IO-Link frames.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:07:11.355
End of execution	2017-06-08 14:07:11.465
GD state	GDMonitorModeStop

Type	SubFunction Reference
Name	single Startup
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:07:11.527
End of execution	2017-06-08 14:07:12.073
Function	Check: Read communicaton parameter

Type	Check Monitor frame
Name	Address 2
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:07:11.761
End of execution	2017-06-08 14:07:11.761
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	0x28
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 2 (Additional)
Description	Additional read of adrdress 0x02 generates a warning
State	Successful
State info	
Expected result	DontCareWarning
Optional step	No
Comment	
Start of execution	2017-06-08 14:07:11.823
End of execution	2017-06-08 14:07:11.823
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	
Expected data	
Minimum received frames	0
Maximum received frames	0
Stop search after max. count frames	Yes
Count of received frames	0

Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 3
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:07:11.886
End of execution	2017-06-08 14:07:11.886
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	3
Used frame type	FrameType0
Data received	0x01
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 4
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:07:11.948
End of execution	2017-06-08 14:07:11.948
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	4
Used frame type	FrameType0
Data received	0x11
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 5
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No

Comment	
Start of execution	2017-06-08 14:07:12.011
End of execution	2017-06-08 14:07:12.011
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	5
Used frame type	FrameType0
Data received	0x48
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 6
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 14:07:12.073
End of execution	2017-06-08 14:07:12.073
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	6
Used frame type	FrameType0
Data received	0x08
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Test Root : SDCI_TC_0223 (TCM_ALIC_AERR_WRITEREJECT)

Type	Test Root
Name	SDCI_TC_0223 (TCM_ALIC_AERR_WRITEREJECT)
Description	ISDU Write service rejected with ErrorType, no details. Access to an ISDU service supported by the Master-Tester ("Device") is rejected with an application error with-out details. The response reports an ErrorType "0x8000" (APP_ERR).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:59.649
End of execution	2017-06-08 13:44:15.842

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:59.711
End of execution	2017-06-08 13:44:14.266
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:59.930
End of execution	2017-06-08 13:44:02.332
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:02.394
End of execution	2017-06-08 13:44:02.956
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:44:03.018
End of execution	2017-06-08 13:44:04.625

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:04.688
End of execution	2017-06-08 13:44:04.688
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:04.750
End of execution	2017-06-08 13:44:04.750

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:44:04.812
End of execution	2017-06-08 13:44:13.938
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:14.001
End of execution	2017-06-08 13:44:14.266
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:14.328
End of execution	2017-06-08 13:44:14.328

Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:44:14.391
End of execution	2017-06-08 13:44:14.500
GD state	GDMonitorSPDUMode
Type	GD ISDU Response
Name	negative write
Description	Prepare the negative ISDU response of the GD with error code 'Device application error' and without details.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:14.562
End of execution	2017-06-08 13:44:15.093
Index	0
Subindex	0
Response service	0x04
Response length	0x00
Data	0x80,0x00
Type	DUT ISDU Write
Name	
Description	Executes a ISDU Write Service via the DUT
State	Successful
State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:15.155
End of execution	2017-06-08 13:44:15.779
Port ID	-1
Index	16383
Subindex	0
Data	0x00
Type	DUT Event Wait
Name	APP_ERR
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:15.842
End of execution	2017-06-08 13:44:15.842
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	0x8000
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	IOL Error: Port 1, Code 0x8000

Test Root : SDCI_TC_0224 (TCM_ALIC_AERR_WRITEINDEXUNSUPPORTED)

Type	Test Root
Name	SDCI_TC_0224 (TCM_ALIC_AERR_WRITEINDEXUNSUPPORTED)
Description	ISDU Write to unsupported Index rejected with ErrorType. Access to a non sup-ported Index in the Master-Tester ("Device") is rejected with an application error. The response reports an ErrorType "0x8011" (IDX_NOTAVAIL).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:15.904
End of execution	2017-06-08 13:44:30.755

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:15.966
End of execution	2017-06-08 13:44:28.150
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:16.216
End of execution	2017-06-08 13:44:17.636
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:17.698
End of execution	2017-06-08 13:44:18.260
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:44:18.322
End of execution	2017-06-08 13:44:18.478

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:18.540
End of execution	2017-06-08 13:44:18.540
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:18.603
End of execution	2017-06-08 13:44:18.603

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:44:18.665
End of execution	2017-06-08 13:44:27.791
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:27.854
End of execution	2017-06-08 13:44:28.150
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:28.213
End of execution	2017-06-08 13:44:28.213

Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:44:28.275
End of execution	2017-06-08 13:44:28.384
GD state	GDMonitorSPDUMode
Type	GD ISDU Response
Name	negative write because of ISDU-Index not available
Description	Prepare the negative ISDU response of the GD with error code 'Device application error' and additional error code 'Index not available'.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:28.447
End of execution	2017-06-08 13:44:28.977
Index	0
Subindex	0
Response service	0x04
Response length	0x00
Data	0x80,0x11
Type	DUT ISDU Write
Name	
Description	Executes a ISDU Write Service via the DUT
State	Successful
State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:29.039
End of execution	2017-06-08 13:44:30.693
Port ID	-1
Index	254
Subindex	0
Data	0x00
Type	DUT Event Wait
Name	IDX_NOTAVAIL
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:30.755
End of execution	2017-06-08 13:44:30.755
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	0x8011
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	IOL Error: Port 1, Code 0x8011

Test Root : SDCI_TC_0225 (TCM_ALIC_AERR_WRITESUBINDEXNOTSUPPORTED)

Type	Test Root
Name	SDCI_TC_0225 (TCM_ALIC_AERR_WRITESUBINDEXNOTSUPPORTED)
Description	ISDU Write to unsupported Subindex (>0) rejected with ErrorType. Access to a non supported Subindex in the Master-Tester ("Device") is rejected with an application error. The response reports an ErrorType "0x8012" (SUBIDX_NOTAVAIL).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:30.818
End of execution	2017-06-08 13:44:45.653

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:30.880
End of execution	2017-06-08 13:44:43.048
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:31.130
End of execution	2017-06-08 13:44:32.534
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:32.596
End of execution	2017-06-08 13:44:33.158
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:33.220
End of execution	2017-06-08 13:44:33.329

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:33.392
End of execution	2017-06-08 13:44:33.392
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:33.454
End of execution	2017-06-08 13:44:33.454

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:44:33.517
End of execution	2017-06-08 13:44:42.643
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:42.705
End of execution	2017-06-08 13:44:43.048
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:43.111
End of execution	2017-06-08 13:44:43.111

Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to run in a defined state.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:43.173
End of execution	2017-06-08 13:44:43.282
GD state	GDMonitorSPDUMode
Type	GD ISDU Response
Name	negative write
Description	Prepare the negative ISDU write response of the GD with error code 'Device application error' and additional error code 'Subindex not available'.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:43.345
End of execution	2017-06-08 13:44:43.875
Index	0
Subindex	0
Response service	0x04
Response length	0x00
Data	0x80,0x12
Type	DUT ISDU Write
Name	
Description	Executes a ISDU Write Service via the DUT
State	Successful
State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:43.937
End of execution	2017-06-08 13:44:45.591
Port ID	-1
Index	253
Subindex	1
Data	0x00
Type	DUT Event Wait
Name	SUBIDX_NOTAVAIL
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:45.653
End of execution	2017-06-08 13:44:45.653
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	0x8012
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	IOL Error: Port 1, Code 0x8012

Test Root : SDCI_TC_0226 (TCM_ALIC_AERR_WRITETEMPUNAV)

Type	Test Root
Name	SDCI_TC_0226 (TCM_ALIC_AERR_WRITETEMPUNAV)
Description	ISDU Write to temporarily unavailable Index rejected with ErrorType. Access to a temporarily unavailable Index in the Master-Tester ("Device") is rejected with an application error. The response reports an ErrorType "0x8020" (SERV_NOTAVAIL).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:45.716
End of execution	2017-06-08 13:44:59.522

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:45.778
End of execution	2017-06-08 13:44:57.946
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:46.028
End of execution	2017-06-08 13:44:47.432
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:47.494
End of execution	2017-06-08 13:44:48.056
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:44:48.118
End of execution	2017-06-08 13:44:48.305

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:48.368
End of execution	2017-06-08 13:44:48.368
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:48.430
End of execution	2017-06-08 13:44:48.430

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:44:48.493
End of execution	2017-06-08 13:44:57.619
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:57.681
End of execution	2017-06-08 13:44:57.946
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:58.009
End of execution	2017-06-08 13:44:58.009

Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:44:58.071
End of execution	2017-06-08 13:44:58.180
GD state	GDMonitorSPDUMode
Type	GD ISDU Response
Name	negative write
Description	Prepare the negative ISDU write response of the GD with error code 'Device application error' and additional error code 'Servic temporarily not available'.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:58.243
End of execution	2017-06-08 13:44:58.773
Index	0
Subindex	0
Response service	0x04
Response length	0x00
Data	0x80,0x20
Type	DUT ISDU Write
Name	
Description	Executes a ISDU Write Service via the DUT
State	Successful
State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:58.835
End of execution	2017-06-08 13:44:59.459
Port ID	-1
Index	252
Subindex	0
Data	0x00
Type	DUT Event Wait
Name	SERV_NOTAVAIL
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:59.522
End of execution	2017-06-08 13:44:59.522
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	0x8020
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	IOL Error: Port 1, Code 0x8020

Test Root : SDCI_TC_0227 (TCM_ALIC_AERR_WRITEINDEXTEMPANAVLC)

Type	Test Root
Name	SDCI_TC_0227 (TCM_ALIC_AERR_WRITEINDEXTEMPANAVLC)
Description	ISDU Write access to a temporarily unavailable Index due to local control in the Master-Tester ("Device") is rejected with an application error. The response reports an ErrorType "0x8021" (SERV_NOTAVAIL_LOCCRTL).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:59.584
End of execution	2017-06-08 13:45:14.435

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:59.647
End of execution	2017-06-08 13:45:11.830
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:44:59.896
End of execution	2017-06-08 13:45:01.316
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:01.378
End of execution	2017-06-08 13:45:01.940
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:45:02.002
End of execution	2017-06-08 13:45:02.158

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:02.221
End of execution	2017-06-08 13:45:02.221
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:02.283
End of execution	2017-06-08 13:45:02.283

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:45:02.345
End of execution	2017-06-08 13:45:11.471
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:11.534
End of execution	2017-06-08 13:45:11.830
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:11.893
End of execution	2017-06-08 13:45:11.893

Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:45:11.955
End of execution	2017-06-08 13:45:12.064
GD state	GDMonitorSPDUMode
Type	GD ISDU Response
Name	negative write
Description	Prepare the negative ISDU read response of the GD with error code 'Device application error' and additional error code 'Service temporarily not available, local control'.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:12.127
End of execution	2017-06-08 13:45:12.657
Index	0
Subindex	0
Response service	0x04
Response length	0x00
Data	0x80,0x21
Type	DUT ISDU Write
Name	
Description	Executes a ISDU Write Service via the DUT
State	Successful
State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:12.719
End of execution	2017-06-08 13:45:14.373
Port ID	-1
Index	251
Subindex	0
Data	0x00
Type	DUT Event Wait
Name	SERV_NOTAVAIL_LOCCRTL
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:14.435
End of execution	2017-06-08 13:45:14.435
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	0x8021
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	IOL Error: Port 1, Code 0x8021

Test Root : SDCI_TC_0228 (TCM_ALIC_AERR_WRITEINDEXTEMPANAVDC)

Type	Test Root
Name	SDCI_TC_0228 (TCM_ALIC_AERR_WRITEINDEXTEMPANAVDC)
Description	ISDU Write access to temporarily unavailable Index due to Device control in the Master-Tester ("Device") is rejected with an application error. The response reports an ErrorType "0x8022" (SERV_NOTAVAIL_DEVCRTL).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:14.498
End of execution	2017-06-08 13:45:29.536

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:14.560
End of execution	2017-06-08 13:45:26.728
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:14.810
End of execution	2017-06-08 13:45:16.214
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:16.276
End of execution	2017-06-08 13:45:16.838
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:45:16.900
End of execution	2017-06-08 13:45:17.025

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:17.087
End of execution	2017-06-08 13:45:17.087
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:17.150
End of execution	2017-06-08 13:45:17.150

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:45:17.212
End of execution	2017-06-08 13:45:26.338
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:26.401
End of execution	2017-06-08 13:45:26.728
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:26.791
End of execution	2017-06-08 13:45:26.791

Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:45:26.853
End of execution	2017-06-08 13:45:27.165
GD state	GDMonitorSPDUMode
Type	GD ISDU Response
Name	negative write
Description	Prepare the negative ISDU write response of the GD with error code 'Device application error' and additional error code 'Service temporarily not available, device control'.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:27.227
End of execution	2017-06-08 13:45:27.758
Index	0
Subindex	0
Response service	0x04
Response length	0x00
Data	0x80,0x22
Type	DUT ISDU Write
Name	
Description	Executes a ISDU Write Service via the DUT
State	Successful
State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:27.820
End of execution	2017-06-08 13:45:29.474
Port ID	-1
Index	250
Subindex	0
Data	0x00
Type	DUT Event Wait
Name	SERV_NOTAVAIL_DEVCRTL
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:29.536
End of execution	2017-06-08 13:45:29.536
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	0x8022
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	IOL Error: Port 1, Code 0x8022

Test Root : SDCI_TC_0229 (TCM_ALIC_AERR_WRITEINDEXRO)

Type	Test Root
Name	SDCI_TC_0229 (TCM_ALIC_AERR_WRITEINDEXRO)
Description	ISDU Write access to read-only Index in the Master-Tester ("Device") is denied with an application error. The response reports an ErrorType "0x8023" (IDX_NOT_WRITEABLE).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:29.599
End of execution	2017-06-08 13:45:44.434

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:29.661
End of execution	2017-06-08 13:45:41.829
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:29.911
End of execution	2017-06-08 13:45:31.315
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:31.377
End of execution	2017-06-08 13:45:31.939
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:45:32.001
End of execution	2017-06-08 13:45:32.141

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:32.204
End of execution	2017-06-08 13:45:32.204
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:32.266
End of execution	2017-06-08 13:45:32.266

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:45:32.329
End of execution	2017-06-08 13:45:41.455
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:41.517
End of execution	2017-06-08 13:45:41.829
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:41.891
End of execution	2017-06-08 13:45:41.891

Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:45:41.954
End of execution	2017-06-08 13:45:42.063
GD state	GDMonitorSPDUMode
Type	GD ISDU Response
Name	negative write
Description	Prepare the negative ISDU write response of the GD with error code 'Device application error' and additional error code 'Access denied'.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:42.125
End of execution	2017-06-08 13:45:42.656
Index	0
Subindex	0
Response service	0x04
Response length	0x00
Data	0x80,0x23
Type	DUT ISDU Write
Name	for trigger Error event
Description	Executes a ISDU Write Service via the DUT
State	Successful
State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:42.718
End of execution	2017-06-08 13:45:44.372
Port ID	-1
Index	249
Subindex	0
Data	0x00
Type	DUT Event Wait
Name	IDX_NOT_WRITEABLE
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:44.434
End of execution	2017-06-08 13:45:44.434
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	0x8023
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	IOL Error: Port 1, Code 0x8023

Test Root : SDCI_TC_0230 (TCM_ALIC_AERR_WRITEINVALIDLEN)

Type	Test Root
Name	SDCI_TC_0230 (TCM_ALIC_AERR_WRITEINVALIDLEN)
Description	ISDU Write access with too short data length to an Index in the Master-Tester ("Device") is rejected with an application error. The response reports an ErrorType "0x8034" (VAL_LENUNDRUN).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:44.497
End of execution	2017-06-08 13:45:59.535

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:44.559
End of execution	2017-06-08 13:45:56.727
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:44.793
End of execution	2017-06-08 13:45:46.213
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:46.275
End of execution	2017-06-08 13:45:46.837
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:45:46.899
End of execution	2017-06-08 13:45:47.024

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:47.086
End of execution	2017-06-08 13:45:47.086
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:47.149
End of execution	2017-06-08 13:45:47.149

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:45:47.211
End of execution	2017-06-08 13:45:56.337
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:56.399
End of execution	2017-06-08 13:45:56.727
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:56.789
End of execution	2017-06-08 13:45:56.789

Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:45:56.852
End of execution	2017-06-08 13:45:57.164
GD state	GDMonitorSPDUMode
Type	GD ISDU Response
Name	negative write
Description	Prepare the negative ISDU write response of the GD with error code 'Device application error' and additional error code 'Access denied'. For example the GD expect three bytes at index 64 for an device specific parameter.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:57.226
End of execution	2017-06-08 13:45:57.757
Index	0
Subindex	0
Response service	0x04
Response length	0x00
Data	0x80,0x34
Type	DUT ISDU Write
Name	for trigger Error event
Description	Executes a ISDU Write Service via the DUT to the
State	Successful
State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:57.819
End of execution	2017-06-08 13:45:59.473
Port ID	-1
Index	248
Subindex	0
Data	0x00,0x01,0x02
Type	DUT Event Wait
Name	VAL_LENUNDRUN
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:59.535
End of execution	2017-06-08 13:45:59.535
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	0x8034
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	IOL Error: Port 1, Code 0x8034

Test Root : SDCI_TC_0231 (TCM_ALIC_AERR_WRITEPARAMOUTOFRNG)

Type	Test Root
Name	SDCI_TC_0231 (TCM_ALIC_AERR_WRITEPARAMOUTOFRNG)
Description	ISDU Write access with parameter values out of range to an Index in the Master-Tester ("Device") is rejected with an application error. The response reports an Er-rorType "0x8030" (PAR_VALOUTOFRNG).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:59.597
End of execution	2017-06-08 13:46:14.433

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:59.660
End of execution	2017-06-08 13:46:11.828
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:45:59.909
End of execution	2017-06-08 13:46:01.313
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:01.376
End of execution	2017-06-08 13:46:01.937
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:46:02.000
End of execution	2017-06-08 13:46:02.140

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:02.203
End of execution	2017-06-08 13:46:02.203
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:02.265
End of execution	2017-06-08 13:46:02.265

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:46:02.327
End of execution	2017-06-08 13:46:11.453
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:11.516
End of execution	2017-06-08 13:46:11.828
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:11.890
End of execution	2017-06-08 13:46:11.890

Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:46:11.953
End of execution	2017-06-08 13:46:12.062
GD state	GDMonitorSPDUMode
Type	GD ISDU Response
Name	negative write
Description	Prepare the negative ISDU write response of the GD with error code 'Device application error' and additional error code 'Parameter value out of range'.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:12.124
End of execution	2017-06-08 13:46:12.655
Index	0
Subindex	0
Response service	0x04
Response length	0x00
Data	0x80,0x30
Type	DUT ISDU Write
Name	for trigger Error event
Description	Executes a ISDU Write Service via the DUT
State	Successful
State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:12.717
End of execution	2017-06-08 13:46:14.371
Port ID	-1
Index	16382
Subindex	0
Data	0xFF,0xFF
Type	DUT Event Wait
Name	PAR_VALOUTOFRNG
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:14.433
End of execution	2017-06-08 13:46:14.433
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	0x8030
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	IOL Error: Port 1, Code 0x8030

Test Root : SDCI_TC_0232 (TCM_ALIC_AERR_WRITEPARAMABOVELIMIT)

Type	Test Root
Name	SDCI_TC_0232 (TCM_ALIC_AERR_WRITEPARAMABOVELIMIT)
Description	ISDU Write access with parameter values above limit to an Index in the Master-Tester ("Device") is rejected with an application error. The response reports an Er-rorType "0x8031" (PAR_VALGTLIM).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:14.495
End of execution	2017-06-08 13:46:29.331

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:14.558
End of execution	2017-06-08 13:46:26.726
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:14.807
End of execution	2017-06-08 13:46:16.211
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:16.274
End of execution	2017-06-08 13:46:16.835
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:46:16.898
End of execution	2017-06-08 13:46:17.007

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:17.070
End of execution	2017-06-08 13:46:17.070
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:17.132
End of execution	2017-06-08 13:46:17.132

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:46:17.194
End of execution	2017-06-08 13:46:26.320
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:26.383
End of execution	2017-06-08 13:46:26.726
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:26.788
End of execution	2017-06-08 13:46:26.788

Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:46:26.851
End of execution	2017-06-08 13:46:26.960
GD state	GDMonitorSPDUMode
Type	GD ISDU Response
Name	negative write
Description	Prepare the negative ISDU write response of the GD with error code 'Device application error' and additional error code 'Parameter value above limit'.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:27.022
End of execution	2017-06-08 13:46:27.553
Index	0
Subindex	0
Response service	0x04
Response length	0x00
Data	0x80,0x31
Type	DUT ISDU Write
Name	for trigger Error event
Description	Executes a ISDU Write Service via the DUT
State	Successful
State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:27.615
End of execution	2017-06-08 13:46:29.269
Port ID	-1
Index	16381
Subindex	0
Data	0x00
Type	DUT Event Wait
Name	PAR_VALGTLIM
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:29.331
End of execution	2017-06-08 13:46:29.331
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	0x8031
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	IOL Error: Port 1, Code 0x8031

Test Root : SDCI_TC_0233 (TCM_ALIC_AERR_WRITEPARAMBELOWLIMIT)

Type	Test Root
Name	SDCI_TC_0233 (TCM_ALIC_AERR_WRITEPARAMBELOWLIMIT)
Description	ISDU Write access with parameter values below limit to an Index in the Master-Tester ("Device") is rejected with an application error. The response reports an Er-rorType "0x8032" (PAR_VALLTLIM).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:29.394
End of execution	2017-06-08 13:46:42.997

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:29.456
End of execution	2017-06-08 13:46:41.421
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:29.706
End of execution	2017-06-08 13:46:31.110
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:31.172
End of execution	2017-06-08 13:46:31.734
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:46:31.796
End of execution	2017-06-08 13:46:31.874

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:31.936
End of execution	2017-06-08 13:46:31.936
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:31.999
End of execution	2017-06-08 13:46:31.999

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:46:32.061
End of execution	2017-06-08 13:46:41.187
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:41.250
End of execution	2017-06-08 13:46:41.421
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:41.484
End of execution	2017-06-08 13:46:41.484

Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:46:41.546
End of execution	2017-06-08 13:46:41.655
GD state	GDMonitorSPDUMode
Type	GD ISDU Response
Name	negative write
Description	Prepare the negative ISDU write response of the GD with error code 'Device application error' and additional error code 'Parameter value below limit'.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:41.718
End of execution	2017-06-08 13:46:42.248
Index	0
Subindex	0
Response service	0x04
Response length	0x00
Data	0x80,0x32
Type	DUT ISDU Write
Name	for trigger Error event
Description	Executes a ISDU Write Service via the DUT
State	Successful
State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:42.310
End of execution	2017-06-08 13:46:42.934
Port ID	-1
Index	16380
Subindex	0
Data	0xFF
Type	DUT Event Wait
Name	PAR_VALLTLIM
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:42.997
End of execution	2017-06-08 13:46:42.997
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	0x8032
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	IOL Error: Port 1, Code 0x8032

Test Root : SDCI_TC_0234 (TCM_ALIC_AERR_WRITEPARAMINVALID)

Type	Test Root
Name	SDCI_TC_0234 (TCM_ALIC_AERR_WRITEPARAMINVALID)
Description	ISDU Write access with invalid parameter values to an Index in the Master-Tester ("Device") is rejected with an application error. For example, lower threshold value is above upper threshold value. The response reports an ErrorType "0x8040" (PAR_SETINVALID).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:43.059
End of execution	2017-06-08 13:46:58.113

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:43.122
End of execution	2017-06-08 13:46:55.305
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:43.371
End of execution	2017-06-08 13:46:44.791
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:44.853
End of execution	2017-06-08 13:46:45.415
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:45.477
End of execution	2017-06-08 13:46:45.602

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:45.664
End of execution	2017-06-08 13:46:45.664
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:45.727
End of execution	2017-06-08 13:46:45.727

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:46:45.789
End of execution	2017-06-08 13:46:54.915
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:54.978
End of execution	2017-06-08 13:46:55.305
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:55.368
End of execution	2017-06-08 13:46:55.368

Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to run in a defined state.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:55.430
End of execution	2017-06-08 13:46:55.742
GD state	GDMonitorSPDUMode
Type	GD ISDU Response
Name	negative write
Description	Prepare the negative ISDU write response of the GD with error code 'Device application error' and additional error code 'Interfering parameter'.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:55.804
End of execution	2017-06-08 13:46:56.335
Index	0
Subindex	0
Response service	0x04
Response length	0x00
Data	0x80,0x40
Type	DUT ISDU Write
Name	for trigger Error event
Description	Executes a ISDU Write Service via the DUT
State	Successful
State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:56.397
End of execution	2017-06-08 13:46:58.051
Port ID	-1
Index	16379
Subindex	0
Data	0xFF,0xFF
Type	DUT Event Wait
Name	PAR_SETINVALID
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:58.113
End of execution	2017-06-08 13:46:58.113
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	0x8040
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	IOL Error: Port 1, Code 0x8040

Test Root : SDCI_TC_0235 (TCM_ALIC_AERR_WRITEDEVICEAPPFAULT)

Type	Test Root
Name	SDCI_TC_0235 (TCM_ALIC_AERR_WRITEDEVICEAPPFAULT)
Description	ISDU Write access to an Index in the Master-Tester ("Device"), whose technology specific application is not performing, is rejected with an application error. The response reports an ErrorType "0x8081"
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:58.176
End of execution	2017-06-08 13:47:13.011

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:58.238
End of execution	2017-06-08 13:47:10.406
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:58.472
End of execution	2017-06-08 13:46:59.892
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:46:59.954
End of execution	2017-06-08 13:47:00.516
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:47:00.578
End of execution	2017-06-08 13:47:00.718

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:00.781
End of execution	2017-06-08 13:47:00.781
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:00.843
End of execution	2017-06-08 13:47:00.843

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:47:00.906
End of execution	2017-06-08 13:47:10.032
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:10.094
End of execution	2017-06-08 13:47:10.406
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:10.468
End of execution	2017-06-08 13:47:10.468

Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:47:10.531
End of execution	2017-06-08 13:47:10.640
GD state	GDMonitorSPDUMode
Type	GD ISDU Response
Name	negative write
Description	Prepare the negative ISDU write response of the GD with error code 'Device application error' and additional error code 'Interfering parameter'.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:10.702
End of execution	2017-06-08 13:47:11.233
Index	0
Subindex	0
Response service	0x04
Response length	0x00
Data	0x80,0x82
Type	DUT ISDU Write
Name	for trigger Error event
Description	Executes a ISDU Write Service via the DUT
State	Successful
State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:11.295
End of execution	2017-06-08 13:47:12.949
Port ID	-1
Index	16378
Subindex	0
Data	0x00
Type	DUT Event Wait
Name	APP_DEVNOTRDY
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:13.011
End of execution	2017-06-08 13:47:13.011
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	0x8082
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	IOL Error: Port 1, Code 0x8082

Test Root : SDCI_TC_0236 (TCM_ALIC_AERR_WRITEDEVICEAPPNOTREADY)

Type	Test Root
Name	SDCI_TC_0236 (TCM_ALIC_AERR_WRITEDEVICEAPPNOTREADY)
Description	ISDU Write access to an Index in the Master-Tester ("Device"), whose technology specific application is not ready to perform, is rejected with an application error. The response reports an ErrorType "0x8082" (APP_DEVNOTRDY).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:13.074
End of execution	2017-06-08 13:47:27.956

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:13.136
End of execution	2017-06-08 13:47:25.304
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:13.386
End of execution	2017-06-08 13:47:14.790
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:14.852
End of execution	2017-06-08 13:47:15.414
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:47:15.476
End of execution	2017-06-08 13:47:15.585

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:15.648
End of execution	2017-06-08 13:47:15.648
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:15.710
End of execution	2017-06-08 13:47:15.710

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:47:15.772
End of execution	2017-06-08 13:47:24.898
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:24.961
End of execution	2017-06-08 13:47:25.304
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:25.366
End of execution	2017-06-08 13:47:25.366

Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:47:25.429
End of execution	2017-06-08 13:47:25.538
GD state	GDMonitorSPDUMode
Type	GD ISDU Response
Name	negative write
Description	Prepare the negative ISDU write response of the GD with error code 'Device application error' and additional error code 'Application not ready'.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:25.600
End of execution	2017-06-08 13:47:26.131
Index	0
Subindex	0
Response service	0x04
Response length	0x00
Data	0x80,0x82
Type	DUT ISDU Write
Name	for trigger Error event
Description	Executes a ISDU Write Service via the DUT
State	Successful
State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:26.193
End of execution	2017-06-08 13:47:27.894
Port ID	-1
Index	16377
Subindex	0
Data	0x00
Type	DUT Event Wait
Name	APP_DEVNOTRDY
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:27.956
End of execution	2017-06-08 13:47:27.956
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	0x8082
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	IOL Error: Port 1, Code 0x8082

Test Root : SDCI_TC_0237 (TCM_ALIC_AERR_WRITERESERVEDINDEX)

Type	Test Root
Name	SDCI_TC_0237 (TCM_ALIC_AERR_WRITERESERVEDINDEX)
Description	ISDU Write access to a reserved Index in the Master-Tester ("Device") is rejected with an application error. The response reports an ErrorType "0x8011" (IDX_NOTAVAIL).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:28.018
End of execution	2017-06-08 13:47:41.497

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:28.081
End of execution	2017-06-08 13:47:39.999
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:28.330
End of execution	2017-06-08 13:47:29.688
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:29.750
End of execution	2017-06-08 13:47:30.312
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No

Comment	
Start of execution	2017-06-08 13:47:30.374
End of execution	2017-06-08 13:47:30.452

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:30.514
End of execution	2017-06-08 13:47:30.514
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:30.577
End of execution	2017-06-08 13:47:30.577

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:47:30.639
End of execution	2017-06-08 13:47:39.765
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:39.828
End of execution	2017-06-08 13:47:39.999
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:40.062
End of execution	2017-06-08 13:47:40.062

Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful
Optional step	No

Comment	
Start of execution	2017-06-08 13:47:40.124
End of execution	2017-06-08 13:47:40.233
GD state	GDMonitorSPDUMode
Type	DUT ISDU Write
Name	for trigger Error event
Description	Executes a ISDU Write Service via the DUT
State	Successful
State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:40.296
End of execution	2017-06-08 13:47:41.434
Port ID	-1
Index	65534
Subindex	0
Data	0x00
Type	DUT Event Wait
Name	IDX_NOTAVAIL
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:41.497
End of execution	2017-06-08 13:47:41.497
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	0x8011
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	IOL Error: Port 1, Code 0x8011

Test Root : SDCI_TC_0238 (TCM_ALIC_AERR_WRITERESERVEDINDEXNOISDU)

Type	Test Root
Name	SDCI_TC_0238 (TCM_ALIC_AERR_WRITERESERVEDINDEXNOISDU)
Description	Access to a supported ISDU service by a GoldenDevice without ISDU service support is rejected by the master. It does not generate a ISDU service. Error_Type "Master application error 0xXXXX" is generated by the master.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:41.559
End of execution	2017-06-08 13:47:54.991

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:41.622
End of execution	2017-06-08 13:47:42.979
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, no ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:43.041
End of execution	2017-06-08 13:47:43.603
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_0
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	No
ISDU supported	No
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:43.665
End of execution	2017-06-08 13:47:43.806

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:43.821
End of execution	2017-06-08 13:47:43.837
Configuration set	default_1ByteSensor_1ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:43.899
End of execution	2017-06-08 13:47:43.899
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:47:43.962
End of execution	2017-06-08 13:47:53.088
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:53.150
End of execution	2017-06-08 13:47:53.493
Timeout [ms]	3000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:53.556
End of execution	2017-06-08 13:47:53.556
Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:53.618
End of execution	2017-06-08 13:47:53.727
GD state	GDMonitorSPDUMode
Type	DUT ISDU Write
Name	for trigger Error event
Description	Executes a ISDU Write Service via the DUT
State	Successful

State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:53.790
End of execution	2017-06-08 13:47:54.928
Port ID	-1
Index	16
Subindex	0
Data	0x00

Type	DUT Event Wait
Name	IDX_NOTAVAIL
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:47:54.991
End of execution	2017-06-08 13:47:54.991
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	0x8011
Expected alt. System Event	0x00A2
Expected alt. System Event (raw data)	
Received DUT event	IOL Error: Port 1, Code 0x8011

Test Root : SDCI_TC_0239 (TCM_ALIC_DERR_WRITENOBUSY)

Type	Test Root
Name	SDCI_TC_0239 (TCM_ALIC_DERR_WRITENOBUSY)
Description	ISDU Write response without "Device busy" bit indication reports Derived ErrorType. ISDU Write access to an Index in the Master-Tester ("Device") without indicating the "Device busy" bit in the ISDU Service/Length octet is responded with an application error. The response reports a derived ErrorType "0x1000" (COM_ERR).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:13.865
End of execution	2017-06-08 13:42:30.245

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:13.927
End of execution	2017-06-08 13:42:28.451
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:14.146
End of execution	2017-06-08 13:42:16.517
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:16.579
End of execution	2017-06-08 13:42:17.141
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:17.203
End of execution	2017-06-08 13:42:18.857

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:18.919
End of execution	2017-06-08 13:42:18.919
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:18.982
End of execution	2017-06-08 13:42:18.982

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:42:19.044
End of execution	2017-06-08 13:42:28.170
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:28.233
End of execution	2017-06-08 13:42:28.451
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:28.513
End of execution	2017-06-08 13:42:28.513

Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to run in a defined state.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:28.576
End of execution	2017-06-08 13:42:28.685
GD state	GDMonitorSPDUMode
Type	GD Prepare state
Name	Idle state
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:28.747
End of execution	2017-06-08 13:42:28.981
GD state	GDSPDUIdleState
Type	DUT ISDU Write
Name	for trigger Error event
Description	Executes a ISDU Write Service via the DUT
State	Successful
State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:29.044
End of execution	2017-06-08 13:42:30.183
Port ID	-1
Index	16376
Subindex	0
Data	0x00
Type	DUT Event Wait
Name	COM_ERR
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:30.245
End of execution	2017-06-08 13:42:30.245
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	0x1000
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	IOL Error: Port 1, Code 0x1000

Test Root : SDCI_TC_0240 (TCM_ALIC_DERR_WRITEAFTERBUSYTIMEOUT)

Type	Test Root
Name	SDCI_TC_0240 (TCM_ALIC_DERR_WRITEAFTERBUSYTIMEOUT)
Description	ISDU Write response with timeout after busy indication reports Derived ErrorType. ISDU Write access to an Index in the Master-Tester ("Device"), which does not generate a response after an adequate time depending on the higher-level system (?) and despite indicating the "Device busy" bit in the ISDU Service/Length octet, is responded with an application error. The response reports a derived ErrorType "0x1000" (COM_ERR).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:30.308
End of execution	2017-06-08 13:42:49.074

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:30.370
End of execution	2017-06-08 13:42:42.647
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:30.620
End of execution	2017-06-08 13:42:32.133
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:32.195
End of execution	2017-06-08 13:42:32.757
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:32.819
End of execution	2017-06-08 13:42:32.960

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:33.022
End of execution	2017-06-08 13:42:33.022
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:33.084
End of execution	2017-06-08 13:42:33.084

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:42:33.147
End of execution	2017-06-08 13:42:42.273
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:42.335
End of execution	2017-06-08 13:42:42.647
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:42.710
End of execution	2017-06-08 13:42:42.710

Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to run in a defined state.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:42.772
End of execution	2017-06-08 13:42:42.881
GD state	GDMonitorSPDUMode
Type	GD Prepare state
Name	Busy state
Description	Prepares the GD to run in a defined state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:42.944
End of execution	2017-06-08 13:42:43.178
GD state	GDSPDUBusyState
Type	DUT ISDU Write
Name	for trigger Error event
Description	Executes a ISDU Write Service via the DUT
State	Successful
State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:43.240
End of execution	2017-06-08 13:42:49.012
Port ID	-1
Index	16375
Subindex	0
Data	0x00
Type	DUT Event Wait
Name	COM_ERR
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:49.074
End of execution	2017-06-08 13:42:49.074
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	0x1100
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	IOL Error: Port 1, Code 0x1100

Test Root : SDCI_TC_0241 (TCM_ALIC_DERR_ILLSERVICECODE)

Type	Test Root
Name	SDCI_TC_0241 (TCM_ALIC_DERR_ILLSERVICECODE)
Description	ISDU Write response with illegal service code reports Derived ErrorType. ISDU Write access to an Index in the Master-Tester ("Device") generating a response with wrong service code, is responded with an application error. The response reports a derived ErrorType "0x5700" (M_ISDU_ILLEGAL).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:49.137
End of execution	2017-06-08 13:43:03.910

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:49.199
End of execution	2017-06-08 13:43:01.305
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:49.449
End of execution	2017-06-08 13:42:50.790
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:50.853
End of execution	2017-06-08 13:42:51.414
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:51.477
End of execution	2017-06-08 13:42:51.555

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:51.617
End of execution	2017-06-08 13:42:51.633
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:42:51.695
End of execution	2017-06-08 13:42:51.695

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:42:51.758
End of execution	2017-06-08 13:43:00.884
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:00.946
End of execution	2017-06-08 13:43:01.305
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:01.367
End of execution	2017-06-08 13:43:01.367

Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to run in a defined state.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:01.430
End of execution	2017-06-08 13:43:01.539
GD state	GDMonitorSPDUMode
Type	GD ISDU Response
Name	illegal service code
Description	Prepare the ISDU response of the GD with an illegal service code (read response instead write response)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:01.601
End of execution	2017-06-08 13:43:02.132
Index	0
Subindex	0
Response service	0x0D
Response length	0x00
Data	0xCA
Type	DUT ISDU Write
Name	for trigger event
Description	Executes a ISDU Write Service via the DUT
State	Successful
State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:02.194
End of execution	2017-06-08 13:43:03.848
Port ID	-1
Index	16374
Subindex	0
Data	0x00
Type	DUT Event Wait
Name	M_ISDU_ILLEGAL
Description	Waits till the 'Illegal PDU service primitive' from the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:03.910
End of execution	2017-06-08 13:43:03.910
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	0x5700
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	IOL Error: Port 1, Code 0x5700

Test Root : SDCI_TC_0242 (TCM_ALIC_DERR_WRONGCHECKSUM)

Type	Test Root
Name	SDCI_TC_0242 (TCM_ALIC_DERR_WRONGCHECKSUM)
Description	ISDU Write response with wrong checksum (CHKPDU) reports Derived ErrorType. ISDU Write access to an Index in the Master-Tester ("Device") generating a response with wrong CHKPDU, is responded with an application error. The response reports a derived ErrorType "0x5600" (M_ISDU_CHECKSUM).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:03.972
End of execution	2017-06-08 13:43:17.997

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:04.035
End of execution	2017-06-08 13:43:16.203
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:04.269
End of execution	2017-06-08 13:43:05.688
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:05.751
End of execution	2017-06-08 13:43:06.312
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:06.375
End of execution	2017-06-08 13:43:06.546

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:06.609
End of execution	2017-06-08 13:43:06.609
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:06.671
End of execution	2017-06-08 13:43:06.671

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:43:06.734
End of execution	2017-06-08 13:43:15.860
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:15.922
End of execution	2017-06-08 13:43:16.203
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:16.265
End of execution	2017-06-08 13:43:16.265

Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to run in a defined state.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:16.328
End of execution	2017-06-08 13:43:16.437
GD state	GDMonitorSPDUMode
Type	GD Error answer state
Name	ISDU CS Error
Description	Sets the GD in a silent/error mode (no answer or answer with wrong cs to the master)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:16.499
End of execution	2017-06-08 13:43:16.733
Type	OnlySPDU
Mode	WrongCS
Count of answers	5
Type	DUT ISDU Write
Name	for trigger Error event
Description	Executes a ISDU Write Service via the DUT
State	Successful
State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:16.796
End of execution	2017-06-08 13:43:17.934
Port ID	-1
Index	16373
Subindex	0
Data	0x00
Type	DUT Event Wait
Name	M_ISDU_CHECKSUM
Description	Waits till the 'PDU flow control error' from the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:17.997
End of execution	2017-06-08 13:43:17.997
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	0x5600
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	IOL Error: Port 1, Code 0x5600

Test Root : SDCI_TC_0244 (TCM_ALIC_DERR_WRITERESERVEDDL)

Type	Test Root
Name	SDCI_TC_0244 (TCM_ALIC_DERR_WRITERESERVEDDL)
Description	ISDU Write request with reserved data length reports Derived ErrorType. ISDU Write access to an Index in the Master-Tester ("Device") using a reserved data length is responded with an application error. The response reports a derived Error-Type "0x1000" (COM_ERR).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:18.059
End of execution	2017-06-08 13:43:45.671

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:18.122
End of execution	2017-06-08 13:43:30.399
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:18.371
End of execution	2017-06-08 13:43:19.884
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:19.947
End of execution	2017-06-08 13:43:20.508
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:20.571
End of execution	2017-06-08 13:43:20.680

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:20.742
End of execution	2017-06-08 13:43:20.742
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:20.805
End of execution	2017-06-08 13:43:20.805

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:43:20.867
End of execution	2017-06-08 13:43:29.993
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:30.056
End of execution	2017-06-08 13:43:30.399
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	Loop
Name	over reserved length
Description	Iterates over all child items
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:30.461
End of execution	2017-06-08 13:43:45.671
Count of loops	5
Current executed loop	5

Type	DUT Clear Events
Name	

Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:42.692
End of execution	2017-06-08 13:43:42.692
Type	GD ISDU Response
Name	invalid length
Description	Prepare the positive ISDU write response of the GD with reserved length information: Length=0; Length=1 with ExtLength=0, 16, 239, 243
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:42.754
End of execution	2017-06-08 13:43:43.206
Index	0
Subindex	0
Response service	0x00
Response length	0xF0; 0x01; 0x01; 0x01; 0x01
Data	0x00; 0x00; 0x10,0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D; 0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E,0x0F,0x10,0x11, 0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E,0x0F,0x10,0x11,
Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to log all ISDU IO-Link telegrams (Master, Slave, Status). The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:43.269
End of execution	2017-06-08 13:43:43.503
GD state	GDMonitorSPDUMode
Type	GD Prepare state
Name	Monitor
Description	Prepares the GD to log all ISDU IO-Link telegrams (Master, Slave, Status). The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:43.565
End of execution	2017-06-08 13:43:43.799
GD state	GDMonitorMode
Type	DUT ISDU Write
Name	for trigger Error event
Description	Executes a ISDU Write Service via the DUT
State	Successful
State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:43.862
End of execution	2017-06-08 13:43:45.000
Port ID	-1
Index	16372
Subindex	0
Data	0x00
Type	GD Prepare state
Name	Monitor stop

Description	Prepares the GD to log all ISDU IO-Link telegrams (Master, Slave, Status). The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:45.063
End of execution	2017-06-08 13:43:45.312
GD state	GDMonitorModeStop
Type	GD Prepare state
Name	Monitor ISDU stop
Description	Prepares the GD to log all ISDU IO-Link telegrams (Master, Slave, Status). The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:45.375
End of execution	2017-06-08 13:43:45.609
GD state	GDMonitorSPDUModeStop
Type	DUT Event Wait
Name	COM_ERR
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed. Alternative error code M_ ISDU_ILLEGAL (0x5700) is also allowed.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:43:45.671
End of execution	2017-06-08 13:43:45.671
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	0x1000
Expected alt. System Event	0x5700
Expected alt. System Event (raw data)	
Received DUT event	IOL Error: Port 1, Code 0x1000; IOL Error: Port 1, Code 0x1000; IOL Error: Port 1, Code 0x1000; IOL Error: Port 1, Code 0x1000; IOL Error: Port 1, Code 0x1000

Test Root : SDCI_TC_0243 (TCM_ALIC_DERR_READNODATA)

Type	Test Root
Name	SDCI_TC_0243 (TCM_ALIC_DERR_READNODATA)
Description	ISDU Read access to an Index in the Master-Tester ("Device") generating a positive response without data, is responded without error.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:38:44.981
End of execution	2017-06-08 13:39:00.986

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:38:45.043
End of execution	2017-06-08 13:38:59.582
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:38:45.277
End of execution	2017-06-08 13:38:47.648
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:38:47.711
End of execution	2017-06-08 13:38:48.272
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No

Comment	
Start of execution	2017-06-08 13:38:48.335
End of execution	2017-06-08 13:38:49.988

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:38:50.051
End of execution	2017-06-08 13:38:50.051
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:38:50.113
End of execution	2017-06-08 13:38:50.113

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:38:50.176
End of execution	2017-06-08 13:38:59.302
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:38:59.364
End of execution	2017-06-08 13:38:59.582
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:38:59.645
End of execution	2017-06-08 13:38:59.816
GD state	GDMonitorMode

Type	GD ISDU Response
Name	zero data length
Description	Prepare the positive ISDU read response of the GD with zero data length.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:38:59.879
End of execution	2017-06-08 13:39:00.409
Index	0
Subindex	0
Response service	0x0D
Response length	0x00
Data	
Type	DUT ISDU Read
Name	for trigger event
Description	Executes a ISDU Read Service.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:00.472
End of execution	2017-06-08 13:39:00.986
Port ID	-1
Index	16372
Subindex	0
Data received	
Expected data	
Empty data expected	No

Test Root : SDCI_TC_0245 (TCM_ALIC_LIMT_WRITEMINDATALENGTH)

Type	Test Root
Name	SDCI_TC_0245 (TCM_ALIC_LIMT_WRITEMINDATALENGTH)
Description	ISDU Write with minimum data length (0 octet). ISDU Write access to an Index in the Master-Tester ("Device") using the minimum data of 0 octets. The response shall be positive.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:01.049
End of execution	2017-06-08 13:39:15.853

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:01.111
End of execution	2017-06-08 13:39:13.264
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:01.345
End of execution	2017-06-08 13:39:02.749
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:02.812
End of execution	2017-06-08 13:39:03.373
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:39:03.436
End of execution	2017-06-08 13:39:03.607

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:03.670
End of execution	2017-06-08 13:39:03.670
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:03.732
End of execution	2017-06-08 13:39:03.732

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:39:03.794
End of execution	2017-06-08 13:39:12.920
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:12.983
End of execution	2017-06-08 13:39:13.264
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD ISDU Response
Name	positive write
Description	Prepare the positive ISDU write response of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:13.326
End of execution	2017-06-08 13:39:13.794
Index	0
Subindex	0
Response service	0x00
Response length	0x00
Data	

Type	GD Prepare state

Name	Monitor ISDU
Description	Prepares the GD to log all ISDU IO-Link telegrams (Master, Slave, Status). The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:13.856
End of execution	2017-06-08 13:39:14.090
GD state	GDMonitorSPDUMode

Type	DUT ISDU Write
Name	with min. data length
Description	Executes a ISDU write service with mininum data length to the smallest prefered index for device specific objects and the smallest 8-Bit subindex.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:14.153
End of execution	2017-06-08 13:39:14.777
Port ID	-1
Index	16000
Subindex	0
Data	

Type	Check Monitor ISDU
Name	Write Request
Description	Checks the communicated ISDU write request from DUT to GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:14.839
End of execution	2017-06-08 13:39:15.853
Timeout [ms]	1000
Service	WriteRequest_16i_sub
Index	16000
Subindex	0
Data received	
Expected data	
Empty data expected	Yes
Count of received services	1
Minimum received services	1
Maximum received services	-1
Expected position (latest)	-1
Clear receive queue	Yes
Clear receive queue up to found item	No

Test Root : SDCI_TC_0246 (TCM_ALIC_LIMT_WRITEMAXDATALENGTH)

Type	Test Root
Name	SDCI_TC_0246 (TCM_ALIC_LIMT_WRITEMAXDATALENGTH)
Description	ISDU Write with maximum service length (238 octets). ISDU Write access to an Index in the Master-Tester ("Device") using the maximum data length of 238 (232 data + 6 header) octets. The response shall be positive.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:15.916
End of execution	2017-06-08 13:39:31.578

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:15.978
End of execution	2017-06-08 13:39:27.959
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:16.228
End of execution	2017-06-08 13:39:17.647
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:17.710
End of execution	2017-06-08 13:39:18.271
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:39:18.334
End of execution	2017-06-08 13:39:18.474

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:18.490
End of execution	2017-06-08 13:39:18.490
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:18.505
End of execution	2017-06-08 13:39:18.505

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:39:18.568
End of execution	2017-06-08 13:39:27.694
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:27.756
End of execution	2017-06-08 13:39:27.959
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD ISDU Response
Name	positive write
Description	Prepare the positive ISDU write response of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:28.021
End of execution	2017-06-08 13:39:28.489
Index	0
Subindex	0
Response service	0x00
Response length	0x00
Data	

Type	GD Prepare state

Name	Monitor ISDU
Description	Prepares the GD to log all ISDU IO-Link telegrams (Master, Slave, Status). The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:28.552
End of execution	2017-06-08 13:39:28.786
GD state	GDMonitorSPDUMode

Type	DUT ISDU Write
Name	with max. service length
Description	Executes a ISDU write service with maximum service length (232 byte data + 6 byte header) to the middle prefered index for device specific objects and the middle 8-Bit subindex.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:28.848
End of execution	2017-06-08 13:39:30.502
Port ID	-1
Index	16001
Subindex	0
Data	
	0x00,0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E,0x0F,0x10,0x11,0

Type	Check Monitor ISDU
Name	Write Request
Description	Checks the communicated ISDU write request from DUT to GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:30.564
End of execution	2017-06-08 13:39:31.578
Timeout [ms]	1000
Service	WriteRequest_16i_sub
Index	16001
Subindex	0
Data received	
	0x00,0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E,0x0F,0x10,0x11,0
Expected data	
	0x00,0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E,0x0F,0x10,0x11,0
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	-1
Expected position (latest)	-1
Clear receive queue	Yes
Clear receive queue up to found item	No

Test Root : SDCI_TC_0248 (TCM_ALIC_LIMT_READMAXDATALENGTH)

Type	Test Root
Name	SDCI_TC_0248 (TCM_ALIC_LIMT_READMAXDATALENGTH)
Description	ISDU Read with maximum service length (238 octets). ISDU Read access to an Index in the Master-Tester ("Device") using the minimum data length of 238 (232 data + 6 header) octets. The response shall be positive.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:31.640
End of execution	2017-06-08 13:39:46.570

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:31.703
End of execution	2017-06-08 13:39:43.871
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:31.952
End of execution	2017-06-08 13:39:33.356
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:33.419
End of execution	2017-06-08 13:39:33.980
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:34.043
End of execution	2017-06-08 13:39:34.214

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:34.277
End of execution	2017-06-08 13:39:34.277
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:34.339
End of execution	2017-06-08 13:39:34.339

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:39:34.402
End of execution	2017-06-08 13:39:43.528
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:43.590
End of execution	2017-06-08 13:39:43.871
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD ISDU Response
Name	positive read
Description	Prepare the positive ISDU response of the GD with a maximum data length (232 bytes). Random values are used for data.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:43.933
End of execution	2017-06-08 13:39:44.448
Index	0
Subindex	0
Response service	0x00
Response length	0x00

Data	
	0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E,0x0F,0x10,0x11,0x12,0
Type	DUT ISDU Read
Name	expect max. service length
Description	Executes a ISDU read service to the smallest prefered index for device specific objects and the smallest 8-Bit subindex. Expect the maximum data length from the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:44.510
End of execution	2017-06-08 13:39:46.570
Port ID	-1
Index	16003
Subindex	0
Data received	
	0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E,0x0F,0x10,0x11,0x12,0
Expected data	
	0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D,0x0E,0x0F,0x10,0x11,0x12,0
Empty data expected	No

Test Root : SDCI_TC_0249 (TCM_ALIC_LIMT_WRITEINDEX8NOSUBINDEX)

Type	Test Root
Name	SDCI_TC_0249 (TCM_ALIC_LIMT_WRITEINDEX8NOSUBINDEX)
Description	ISDU Write to 8 bit Index and no Subindex. ISDU Write access to an 8 bit Index in the Master-Tester ("Device"). The response shall be positive.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:46.632
End of execution	2017-06-08 13:40:01.514

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:46.694
End of execution	2017-06-08 13:39:58.925
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:46.960
End of execution	2017-06-08 13:39:48.410
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:48.473
End of execution	2017-06-08 13:39:49.034
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:49.097
End of execution	2017-06-08 13:39:49.284

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:49.346
End of execution	2017-06-08 13:39:49.346
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:49.409
End of execution	2017-06-08 13:39:49.409

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:39:49.471
End of execution	2017-06-08 13:39:58.597
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:58.660
End of execution	2017-06-08 13:39:58.925
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to log all ISDU IO-Link telegrams (Master, Slave, Status). The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:58.987
End of execution	2017-06-08 13:39:59.159
GD state	GDMonitorSPDUMode

Type	GD ISDU Response
Name	positive write
Description	Prepare the positive ISDU write response of the GD.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:59.221
End of execution	2017-06-08 13:39:59.752
Index	0
Subindex	0
Response service	0x00
Response length	0x00
Data	

Type	DUT ISDU Write
Name	with 8-bit index without subindex
Description	
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:39:59.814
End of execution	2017-06-08 13:40:00.438
Port ID	-1
Index	255
Subindex	0
Data	0x00

Type	Check Monitor ISDU
Name	Write Request
Description	Checks the communicated ISDU write request from DUT to GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:00.500
End of execution	2017-06-08 13:40:01.514
Timeout [ms]	1000
Service	WriteRequest_8I
Index	255
Subindex	0
Data received	0x00
Expected data	0x00
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	-1
Expected position (latest)	-1
Clear receive queue	Yes
Clear receive queue up to found item	No

Test Root : SDCI_TC_0250 (TCM_ALIC_LIMT_WRITEINDEX8SUBINDEX8)

Type	Test Root
Name	SDCI_TC_0250 (TCM_ALIC_LIMT_WRITEINDEX8SUBINDEX8)
Description	ISDU Write to 8 bit Index and 8 bit Subindex. ISDU Write access to an 8 bit Index and 8 bit Subindex in the Master-Tester ("Device"). The response shall be positive.t.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:01.577
End of execution	2017-06-08 13:40:17.442

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:01.639
End of execution	2017-06-08 13:40:13.823
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:01.889
End of execution	2017-06-08 13:40:03.308
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:03.371
End of execution	2017-06-08 13:40:03.932
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:03.995
End of execution	2017-06-08 13:40:04.104

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:04.166
End of execution	2017-06-08 13:40:04.166
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:04.229
End of execution	2017-06-08 13:40:04.229

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:40:04.291
End of execution	2017-06-08 13:40:13.417
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:13.480
End of execution	2017-06-08 13:40:13.823
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD ISDU Response
Name	positive write
Description	Prepare the positive ISDU write response of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:13.885
End of execution	2017-06-08 13:40:14.353
Index	0
Subindex	0
Response service	0x00
Response length	0x00
Data	

Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to log all ISDU IO-Link telegrams (Master, Slave, Status). The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:14.416
End of execution	2017-06-08 13:40:14.650
GD state	GDMonitorSPDUMode

Type	DUT ISDU Write
Name	with 8-bit index and 8-bit subindex
Description	
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:14.712
End of execution	2017-06-08 13:40:16.366
Port ID	-1
Index	255
Subindex	255
Data	0x00

Type	Check Monitor ISDU
Name	Write Request
Description	Checks the communicated ISDU write request from DUT to GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:16.428
End of execution	2017-06-08 13:40:17.442
Timeout [ms]	1000
Service	WriteRequest_8i_sub
Index	255
Subindex	255
Data received	0x00
Expected data	0x00
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	-1
Expected position (latest)	-1
Clear receive queue	Yes
Clear receive queue up to found item	No

Test Root : SDCI_TC_0251 (TCM_ALIC_LIMT_WRITEINDEX16SUBINDEX8)

Type	Test Root
Name	SDCI_TC_0251 (TCM_ALIC_LIMT_WRITEINDEX16SUBINDEX8)
Description	ISDU Write to 16 bit Index and 8 bit Subindex. ISDU Write access to a 16 bit Index and 8 bit Subindex in the Master-Tester ("De-vice"). The response shall be positive.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:17.504
End of execution	2017-06-08 13:40:32.636

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:17.567
End of execution	2017-06-08 13:40:29.532
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:17.816
End of execution	2017-06-08 13:40:19.220
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:19.283
End of execution	2017-06-08 13:40:19.844
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:19.907
End of execution	2017-06-08 13:40:20.047

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:20.063
End of execution	2017-06-08 13:40:20.063
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:20.078
End of execution	2017-06-08 13:40:20.078

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:40:20.141
End of execution	2017-06-08 13:40:29.267
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:29.329
End of execution	2017-06-08 13:40:29.532
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD ISDU Response
Name	positive write
Description	Prepare the positive ISDU write response of the GD with maximum direct length of 15.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:29.594
End of execution	2017-06-08 13:40:30.062
Index	0
Subindex	0
Response service	0x00
Response length	0x00

Data	
Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to log all ISDU IO-Link telegrams (Master, Slave, Status). The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:30.125
End of execution	2017-06-08 13:40:30.359
GD state	GDMonitorSPDUMode
Type	DUT ISDU Write
Name	with 16-bit index and 8-bit subindex
Description	
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:30.421
End of execution	2017-06-08 13:40:31.560
Port ID	-1
Index	16004
Subindex	1
Data	0x00
Type	Check Monitor ISDU
Name	Write Request
Description	Checks the communicated ISDU write request from DUT to GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:31.622
End of execution	2017-06-08 13:40:32.636
Timeout [ms]	1000
Service	WriteRequest_16i_sub
Index	16004
Subindex	1
Data received	0x00
Expected data	0x00
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	-1
Expected position (latest)	-1
Clear receive queue	Yes
Clear receive queue up to found item	No

Test Root : SDCI_TC_0252 (TCM_ALIC_LIMT_IMMEDIATERESPNOBUSY)

Type	Test Root
Name	SDCI_TC_0252 (TCM_ALIC_LIMT_IMMEDIATERESPNOBUSY)
Description	ISDU Write response without busy bit (immediate response). ISDU Write access to an 8 bit Index and 8 bit Subindex in the Master-Tester ("Device"). Master-Tester ("Device") generates an immediate response to the request without setting the "Device busy" bit.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:32.699
End of execution	2017-06-08 13:40:47.971

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:32.761
End of execution	2017-06-08 13:40:45.039
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:33.042
End of execution	2017-06-08 13:40:34.524
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:34.586
End of execution	2017-06-08 13:40:35.148
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:35.210
End of execution	2017-06-08 13:40:35.335

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:35.398
End of execution	2017-06-08 13:40:35.398
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:35.460
End of execution	2017-06-08 13:40:35.460

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:40:35.523
End of execution	2017-06-08 13:40:44.649
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:44.711
End of execution	2017-06-08 13:40:45.039
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to log all ISDU IO-Link telegrams (Master, Slave, Status). The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:45.101
End of execution	2017-06-08 13:40:45.273
GD state	GDMonitorSPDUMode

Type	GD Prepare state
Name	Monitor

Description	Prepares the GD to log all IO-Link telegrams (Master, Slave, Status). The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:45.335
End of execution	2017-06-08 13:40:45.569
GD state	GDMonitorMode

Type	GD Prepare state
Name	ISDU service without a busy state
Description	Prepare the positive ISDU read response of the GD with maximum direct length of 15.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:45.631
End of execution	2017-06-08 13:40:45.865
GD state	GDSPDUNoBusyState

Type	GD ISDU Response
Name	positive write
Description	Prepare the positive ISDU write response of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:45.928
End of execution	2017-06-08 13:40:46.458
Index	0
Subindex	0
Response service	0x00
Response length	0x00
Data	

Type	DUT ISDU Write
Name	
Description	Executes a ISDU Write Service via the DUT
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:46.521
End of execution	2017-06-08 13:40:47.659
Port ID	-1
Index	255
Subindex	1
Data	0x00

Type	GD Prepare state
Name	Monitor stop
Description	Prepares the GD to log all IO-Link telegrams (Master, Slave, Status). The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:47.722
End of execution	2017-06-08 13:40:47.971
GD state	GDMonitorModeStop

Test Root : SDCI_TC_0253 (TCM_ALIC_LIMT_IMMEDIATERESPWITHBUSY)

Type	Test Root
Name	SDCI_TC_0253 (TCM_ALIC_LIMT_IMMEDIATERESPWITHBUSY)
Description	ISDU Write response after setting the busy bit. ISDU Write access to an 8 bit Index and 8 bit Subindex in the Master-Tester ("De-vice"). Master-Tester ("Device") generates a response to the request setting the "Device busy" bit.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:48.034
End of execution	2017-06-08 13:41:01.949

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:48.096
End of execution	2017-06-08 13:41:00.217
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:48.346
End of execution	2017-06-08 13:40:49.703
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:49.765
End of execution	2017-06-08 13:40:50.327
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:50.389
End of execution	2017-06-08 13:40:50.530

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:50.592
End of execution	2017-06-08 13:40:50.592
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:50.655
End of execution	2017-06-08 13:40:50.655

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:40:50.717
End of execution	2017-06-08 13:40:59.843
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:40:59.905
End of execution	2017-06-08 13:41:00.217
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD ISDU Response
Name	positive write
Description	Prepare the positive ISDU read response of the GD with minimum extended length of 16.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:00.280
End of execution	2017-06-08 13:41:00.748
Index	0
Subindex	0
Response service	0x00

Response length	0x00
Data	
Type	DUT ISDU Write
Name	with 8-bit index without subindex
Description	
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:00.810
End of execution	2017-06-08 13:41:01.949
Port ID	-1
Index	255
Subindex	2
Data	0x00

Test Root : SDCI_TC_0254 (TCM_ALIC_LIMT_WRITEMAXSERVICELEN15)

Type	Test Root
Name	SDCI_TC_0254 (TCM_ALIC_LIMT_WRITEMAXSERVICELEN15)
Description	ISDU service (with maximum service length 15) is carried out. ISDU Write access to several Index and Subindex combinations in the Master-Tester ("Device"). Master-Tester ("Device") with maximum service length 15. The response shall be positive.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:02.011
End of execution	2017-06-08 13:41:23.571

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:02.074
End of execution	2017-06-08 13:41:14.211
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:02.323
End of execution	2017-06-08 13:41:03.696
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:03.759
End of execution	2017-06-08 13:41:04.320
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:04.383
End of execution	2017-06-08 13:41:04.476

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:04.539
End of execution	2017-06-08 13:41:04.539
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:04.601
End of execution	2017-06-08 13:41:04.601

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:41:04.663
End of execution	2017-06-08 13:41:13.789
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:13.852
End of execution	2017-06-08 13:41:14.211
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	Loop
Name	
Description	Iterates over all child items
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:14.273
End of execution	2017-06-08 13:41:23.571
Count of loops	3
Current executed loop	3

Type	GD ISDU Response
Name	positive write

Description	Prepare the positive ISDU write response of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:20.513
End of execution	2017-06-08 13:41:20.981
Index	0
Subindex	0
Response service	0x00
Response length	0x00
Data	

Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to log all ISDU IO-Link telegrams (Master, Slave, Status). The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:21.043
End of execution	2017-06-08 13:41:21.277
GD state	GDMonitorSPDUMode

Type	DUT ISDU Write
Name	with max. direct service length
Description	Executes a ISDU write service with maximum direct length (11 byte data + 4 byte header) to the biggest prefered index for device specific objects and the biggest 8-Bit subindex.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:21.340
End of execution	2017-06-08 13:41:22.993
Port ID	-1
Index	100; 100; 16005
Subindex	0; 1; 1
Data	0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C; 0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B; 0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A

Type	Check Monitor ISDU
Name	Write Request
Description	Checks the communicated ISDU write request from DUT to GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:23.056
End of execution	2017-06-08 13:41:23.571
Timeout [ms]	500
Service	WriteRequest_8I; WriteRequest_8i_sub; WriteRequest_16i_sub
Index	100; 100; 16005
Subindex	0; 1; 1
Data received	0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C; 0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B; 0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A
Expected data	0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C; 0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B; 0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A
Empty data expected	No
Count of received services	1; 1; 1
Minimum received services	1
Maximum received services	-1
Expected position (latest)	-1
Clear receive queue	Yes

Clear receive queue up to found item	No

Test Root : SDCI_TC_0255 (TCM_ALIC_LIMT_WRITEMINSERVICEEXTLEN17)

Type	Test Root
Name	SDCI_TC_0255 (TCM_ALIC_LIMT_WRITEMINSERVICEEXTLEN17)
Description	ISDU service (with minimum Extended Length 17) is carried out. ISDU Write access to several Index and Subindex combinations in the Master-Tester ("Device"). Master-Tester ("Device") with minimum Extended Length 17. The response shall be positive.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:23.633
End of execution	2017-06-08 13:41:45.317

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:23.695
End of execution	2017-06-08 13:41:35.957
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:23.945
End of execution	2017-06-08 13:41:25.443
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:25.505
End of execution	2017-06-08 13:41:26.067
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:26.129
End of execution	2017-06-08 13:41:26.223

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:26.285
End of execution	2017-06-08 13:41:26.285
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:26.347
End of execution	2017-06-08 13:41:26.347

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:41:26.410
End of execution	2017-06-08 13:41:35.536
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:35.598
End of execution	2017-06-08 13:41:35.957
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	Loop
Name	
Description	Iterates over all child items
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:36.019
End of execution	2017-06-08 13:41:45.317
Count of loops	3
Current executed loop	3

Type	GD ISDU Response
Name	positive write

Description	Prepare the positive ISDU write response of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:42.259
End of execution	2017-06-08 13:41:42.727
Index	0
Subindex	0
Response service	0x00
Response length	0x00
Data	

Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to log all ISDU IO-Link telegrams (Master, Slave, Status). The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:42.790
End of execution	2017-06-08 13:41:43.024
GD state	GDMonitorSPDUMode

Type	DUT ISDU Write
Name	with min. indirect service length
Description	Executes a ISDU write service with minimum indirect length (11 byte data + 4 byte header) to the biggest prefered index for device specific objects and the biggest 8-Bit subindex.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:43.086
End of execution	2017-06-08 13:41:44.740
Port ID	-1
Index	100; 100; 16005
Subindex	0; 1; 1
Data	0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D; 0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C; 0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B

Type	Check Monitor ISDU
Name	Write Request
Description	Checks the communicated ISDU write request from DUT to GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:41:44.802
End of execution	2017-06-08 13:41:45.317
Timeout [ms]	500
Service	WriteRequest_8I; WriteRequest_8i_sub; WriteRequest_16i_sub
Index	100; 100; 16005
Subindex	0; 1; 1
Data received	0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D; 0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C; 0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B
Expected data	0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C,0x0D; 0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B,0x0C; 0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,0x0A,0x0B
Empty data expected	No
Count of received services	1; 1; 1
Minimum received services	1
Maximum received services	-1
Expected position (latest)	-1
Clear receive queue	Yes

Clear receive queue up to found item	No

Test Root : SDCI_TC_0256 (TCM_ALIC_EVNT_NODETAILSNOTIFY)

Type	Test Root
Name	SDCI_TC_0256 (TCM_ALIC_EVNT_NODETAILSNOTIFY)
Description	Master receives Event (notification) without details (notification). Master receives Event without details (StatusCode type 1, notification). Master ex-tracts the EventCode (type 1), converts it accordingly into StatusCode (type 2) and transfers it to the upper level system. Master acknowledges the Event; the Master-Tester ("Device") resets the Event flag.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:32:51.047
End of execution	2017-06-08 13:33:07.661

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:32:51.110
End of execution	2017-06-08 13:33:05.696
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:32:51.359
End of execution	2017-06-08 13:32:53.762
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:32:53.824
End of execution	2017-06-08 13:32:54.386
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:32:54.448
End of execution	2017-06-08 13:32:56.102

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:32:56.164
End of execution	2017-06-08 13:32:56.164
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:32:56.226
End of execution	2017-06-08 13:32:56.226

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:32:56.289
End of execution	2017-06-08 13:33:05.415
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:05.477
End of execution	2017-06-08 13:33:05.696
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:05.758
End of execution	2017-06-08 13:33:05.758

Type	GD Write diagnostic channel
Name	Event without details

Description	Set the 'Device Message' event without details. The test object triggers the GD to set the event flag.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:05.821
End of execution	2017-06-08 13:33:06.335
StatusCode	0x01
EventCode 1	-1
QualifierCode 1	-1
EventCode 2	-1
QualifierCode 2	-1
EventCode 3	-1
QualifierCode 3	-1
EventCode 4	-1
QualifierCode 4	-1
EventCode 5	-1
QualifierCode 5	-1
EventCode 6	-1
QualifierCode 6	-1
Set event flag	Yes

Type	Wait
Name	
Description	For Event handling
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:06.398
End of execution	2017-06-08 13:33:07.412
Wait time [ms]	1000

Type	GD Read diagnostic channel
Name	Check acknowledged event
Description	Reads data from the diagnostic channel and verify the previous notified event is acknowledged by the DUT. As result of the acknowledge the status code shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:07.474
End of execution	2017-06-08 13:33:07.646
Received StatusCode	0
Expected StatusCode	0
Received EventCode 1	0
Expected EventCode 1	-1
Received QualifierCode 1	0
Expected QualifierCode 1	-1
Received EventCode 2	0
Expected EventCode 2	-1
Received QualifierCode 2	0
Expected QualifierCode 2	-1
Received EventCode 3	0
Expected EventCode 3	-1
Received QualifierCode 3	0
Expected QualifierCode 3	-1
Received EventCode 4	0
Expected EventCode 4	-1
Received QualifierCode 4	0
Expected QualifierCode 4	-1
Received EventCode 5	0
Expected EventCode 5	-1
Received QualifierCode 5	0
Expected QualifierCode 5	-1
Received EventCode 6	0
Expected EventCode 6	-1
Received QualifierCode 6	0

Expected QualifierCode 6	-1
Type	DUT Event Wait
Name	Device Message
Description	Waits till the 'Device message' event from the GD via the DUT occurs or a timeout elapsed. A possible conversion into a system-specific code can take place. Qualifier: Instance = Application; Type = Information; Mode = Single Shot.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:33:07.661
End of execution	2017-06-08 13:33:07.661
Wait time [ms]	0
Expected Port ID	-1
Expected Event Code	0xFF80
Expected Event Qualifier	0x54
Expected Error Code	-1
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	IOL Event: Port 1, Qualifier 0x54, Code 0xFF80

Test Root : SDCI_TC_0257 (TCM_ALIC_EVNT_NODETAILSWARNING)

Type	Test Root
Name	SDCI_TC_0257 (TCM_ALIC_EVNT_NODETAILSWARNING)
Description	Master receives Event without details (Warning). Master receives Event without details (StatusCode type 1, warning). Master extracts the EventCode (type 1), converts it accordingly into StatusCode (type 2) and trans-fers it to the upper level system. Master acknowledges the Event; the Master-Tester ("Device") resets the Event flag.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:07.724
End of execution	2017-06-08 13:33:21.904

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:07.786
End of execution	2017-06-08 13:33:19.892
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:08.005
End of execution	2017-06-08 13:33:09.377
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:09.440
End of execution	2017-06-08 13:33:10.001
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:10.064
End of execution	2017-06-08 13:33:10.220

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:10.282
End of execution	2017-06-08 13:33:10.282
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:10.345
End of execution	2017-06-08 13:33:10.345

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:33:10.407
End of execution	2017-06-08 13:33:19.533
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:19.595
End of execution	2017-06-08 13:33:19.892
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:19.954
End of execution	2017-06-08 13:33:19.954

Type	GD Write diagnostic channel
Name	Event without details

Description	Set the 'Device Warning' event without details. The test object triggers the GD to set the event flag.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:20.017
End of execution	2017-06-08 13:33:20.531
StatusCode	0x02
EventCode 1	-1
QualifierCode 1	-1
EventCode 2	-1
QualifierCode 2	-1
EventCode 3	-1
QualifierCode 3	-1
EventCode 4	-1
QualifierCode 4	-1
EventCode 5	-1
QualifierCode 5	-1
EventCode 6	-1
QualifierCode 6	-1
Set event flag	Yes

Type	Wait
Name	
Description	For Event handling
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:20.594
End of execution	2017-06-08 13:33:21.608
Wait time [ms]	1000

Type	GD Read diagnostic channel
Name	Check acknowledged event
Description	Reads data from the diagnostic channel and verify the previous notified event is acknowledged by the DUT. As result of the acknowledge the status code shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:21.670
End of execution	2017-06-08 13:33:21.842
Received StatusCode	0
Expected StatusCode	0
Received EventCode 1	0
Expected EventCode 1	-1
Received QualifierCode 1	0
Expected QualifierCode 1	-1
Received EventCode 2	0
Expected EventCode 2	-1
Received QualifierCode 2	0
Expected QualifierCode 2	-1
Received EventCode 3	0
Expected EventCode 3	-1
Received QualifierCode 3	0
Expected QualifierCode 3	-1
Received EventCode 4	0
Expected EventCode 4	-1
Received QualifierCode 4	0
Expected QualifierCode 4	-1
Received EventCode 5	0
Expected EventCode 5	-1
Received QualifierCode 5	0
Expected QualifierCode 5	-1
Received EventCode 6	0
Expected EventCode 6	-1
Received QualifierCode 6	0

Expected QualifierCode 6	-1
Type	DUT Event Wait
Name	Device Warning
Description	Waits till the 'Device warning' event from the GD via the DUT occurs or a timeout elapsed. A possible conversion into a system-specific code can take place. Qualifier: Instance = Application; Type = Warning; Mode = Single Shot.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:33:21.904
End of execution	2017-06-08 13:33:21.904
Wait time [ms]	0
Expected Port ID	-1
Expected Event Code	0xFF80
Expected Event Qualifier	0x64
Expected Error Code	-1
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	IOL Event: Port 1, Qualifier 0x64, Code 0xFF80

Test Root : SDCI_TC_0258 (TCM_ALIC_EVNT_NODETAILSERROR)

Type	Test Root
Name	SDCI_TC_0258 (TCM_ALIC_EVNT_NODETAILSERROR)
Description	Master receives Event without details (Error). Master receives Event without details (StatusCode type 1, error). Master extracts the EventCode (type 1), converts it accordingly into StatusCode (type 2) and transfers it to the upper level system. Master acknowledges the Event; the Master-Tester ("Device") resets the Event flag.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:21.967
End of execution	2017-06-08 13:33:36.287

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:22.029
End of execution	2017-06-08 13:33:34.275
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:22.263
End of execution	2017-06-08 13:33:23.776
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:23.839
End of execution	2017-06-08 13:33:24.385
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:24.447
End of execution	2017-06-08 13:33:24.634

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:24.697
End of execution	2017-06-08 13:33:24.697
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:24.759
End of execution	2017-06-08 13:33:24.759

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:33:24.821
End of execution	2017-06-08 13:33:33.947
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:34.010
End of execution	2017-06-08 13:33:34.275
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:34.337
End of execution	2017-06-08 13:33:34.337

Type	GD Write diagnostic channel
Name	Event without details

Description	Set the 'Device Error' event without details. The test object triggers the GD to set the event flag.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:34.400
End of execution	2017-06-08 13:33:34.915
StatusCode	0x08
EventCode 1	-1
QualifierCode 1	-1
EventCode 2	-1
QualifierCode 2	-1
EventCode 3	-1
QualifierCode 3	-1
EventCode 4	-1
QualifierCode 4	-1
EventCode 5	-1
QualifierCode 5	-1
EventCode 6	-1
QualifierCode 6	-1
Set event flag	Yes

Type	Wait
Name	
Description	For Event handling
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:34.977
End of execution	2017-06-08 13:33:35.991
Wait time [ms]	1000

Type	GD Read diagnostic channel
Name	Check acknowledged event
Description	Reads data from the diagnostic channel and verify the previous notified event is acknowledged by the DUT. As result of the acknowledge the status code shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:36.053
End of execution	2017-06-08 13:33:36.225
Received StatusCode	0
Expected StatusCode	0
Received EventCode 1	0
Expected EventCode 1	-1
Received QualifierCode 1	0
Expected QualifierCode 1	-1
Received EventCode 2	0
Expected EventCode 2	-1
Received QualifierCode 2	0
Expected QualifierCode 2	-1
Received EventCode 3	0
Expected EventCode 3	-1
Received QualifierCode 3	0
Expected QualifierCode 3	-1
Received EventCode 4	0
Expected EventCode 4	-1
Received QualifierCode 4	0
Expected QualifierCode 4	-1
Received EventCode 5	0
Expected EventCode 5	-1
Received QualifierCode 5	0
Expected QualifierCode 5	-1
Received EventCode 6	0
Expected EventCode 6	-1
Received QualifierCode 6	0

Expected QualifierCode 6	-1
Type	DUT Event Wait
Name	Device Error
Description	Waits till the 'Device Error' event from the GD via the DUT occurs or a timeout elapsed. A possible conversion into a system-specific code can take place. Qualifier: Instance = Application; Type = Error; Mode = Single Shot.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:33:36.287
End of execution	2017-06-08 13:33:36.287
Wait time [ms]	0
Expected Port ID	-1
Expected Event Code	0xFF80
Expected Event Qualifier	0x74
Expected Error Code	-1
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	IOL Event: Port 1, Qualifier 0x74, Code 0xFF80

Test Root : SDCI_TC_0259 (TCM_ALIC_EVNT_NODETAILSPARAMERROR)

Type	Test Root
Name	SDCI_TC_0259 (TCM_ALIC_EVNT_NODETAILSPARAMERROR)
Description	Master receives Event without details (parameter error). Master receives Event without details (StatusCode type 1, parameter error). Master extracts the EventCode (type 1), converts it accordingly into StatusCode (type 2) and transfers it to the upper level system. Master acknowledges the Event; the Master-Tester ("Device") resets the Event flag.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:36.350
End of execution	2017-06-08 13:33:50.483

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:36.412
End of execution	2017-06-08 13:33:48.471
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:36.662
End of execution	2017-06-08 13:33:38.159
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:38.222
End of execution	2017-06-08 13:33:38.783
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:38.846
End of execution	2017-06-08 13:33:38.924

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:38.986
End of execution	2017-06-08 13:33:38.986
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:39.049
End of execution	2017-06-08 13:33:39.049

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:33:39.111
End of execution	2017-06-08 13:33:48.237
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:48.299
End of execution	2017-06-08 13:33:48.471
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:48.533
End of execution	2017-06-08 13:33:48.533

Type	GD Write diagnostic channel
Name	Event without details

Description	Set the 'Parameter Error' event without details. The test object triggers the GD to set the event flag.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:48.596
End of execution	2017-06-08 13:33:49.111
StatusCode	0x04
EventCode 1	-1
QualifierCode 1	-1
EventCode 2	-1
QualifierCode 2	-1
EventCode 3	-1
QualifierCode 3	-1
EventCode 4	-1
QualifierCode 4	-1
EventCode 5	-1
QualifierCode 5	-1
EventCode 6	-1
QualifierCode 6	-1
Set event flag	Yes

Type	Wait
Name	
Description	For Event handling
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:49.173
End of execution	2017-06-08 13:33:50.187
Wait time [ms]	1000

Type	GD Read diagnostic channel
Name	Check acknowledged event
Description	Reads data from the diagnostic channel and verify the previous notified event is acknowledged by the DUT. As result of the acknowledge the status code shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:50.249
End of execution	2017-06-08 13:33:50.421
Received StatusCode	0
Expected StatusCode	0
Received EventCode 1	0
Expected EventCode 1	-1
Received QualifierCode 1	0
Expected QualifierCode 1	-1
Received EventCode 2	0
Expected EventCode 2	-1
Received QualifierCode 2	0
Expected QualifierCode 2	-1
Received EventCode 3	0
Expected EventCode 3	-1
Received QualifierCode 3	0
Expected QualifierCode 3	-1
Received EventCode 4	0
Expected EventCode 4	-1
Received QualifierCode 4	0
Expected QualifierCode 4	-1
Received EventCode 5	0
Expected EventCode 5	-1
Received QualifierCode 5	0
Expected QualifierCode 5	-1
Received EventCode 6	0
Expected EventCode 6	-1
Received QualifierCode 6	0

Expected QualifierCode 6	-1
Type	DUT Event Wait
Name	Parameter Error
Description	Waits till the 'Device Error' event from the GD via the DUT occurs or a timeout elapsed. A possible conversion into a system-specific code can take place. Qualifier: Instance = Application; Type = Error; Mode = Single Shot.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:33:50.483
End of execution	2017-06-08 13:33:50.483
Wait time [ms]	0
Expected Port ID	-1
Expected Event Code	0x6320
Expected Event Qualifier	0x74
Expected Error Code	-1
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	IOL Event: Port 1, Qualifier 0x74, Code 0x6320

Test Root : SDCI_TC_0260 (TCM_ALIC_EVNT_NODETAILSCOMMERROR)

Type	Test Root
Name	SDCI_TC_0260 (TCM_ALIC_EVNT_NODETAILSCOMMERROR)
Description	Master receives event without details (communication error). Master receives Event without details (StatusCode type 1, communication error). Master extracts the EventCode (type 1), converts it accordingly into StatusCode (type 2) and transfers it to the upper level system. Master acknowledges the Event; the Master-Tester ("Device") resets the Event flag.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:50.546
End of execution	2017-06-08 13:34:04.835

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:50.608
End of execution	2017-06-08 13:34:02.870
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:50.858
End of execution	2017-06-08 13:33:52.355
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:52.418
End of execution	2017-06-08 13:33:52.979
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:53.042
End of execution	2017-06-08 13:33:53.213

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:53.276
End of execution	2017-06-08 13:33:53.276
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:33:53.338
End of execution	2017-06-08 13:33:53.338

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:33:53.401
End of execution	2017-06-08 13:34:02.527
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:02.589
End of execution	2017-06-08 13:34:02.870
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:02.932
End of execution	2017-06-08 13:34:02.932

Type	GD Write diagnostic channel
Name	Event without details

Description	Set the 'Communication Error' event without details. The test object triggers the GD to set the event flag.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:02.995
End of execution	2017-06-08 13:34:03.509
StatusCode	0x10
EventCode 1	-1
QualifierCode 1	-1
EventCode 2	-1
QualifierCode 2	-1
EventCode 3	-1
QualifierCode 3	-1
EventCode 4	-1
QualifierCode 4	-1
EventCode 5	-1
QualifierCode 5	-1
EventCode 6	-1
QualifierCode 6	-1
Set event flag	Yes
Type	Wait
Name	
Description	For Event handling
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:03.572
End of execution	2017-06-08 13:34:04.586
Wait time [ms]	1000
Type	GD Read diagnostic channel
Name	Check acknowledged event
Description	Reads data from the diagnostic channel and verify the previous notified event is acknowledged by the DUT. As result of the acknowledge the status code shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:04.601
End of execution	2017-06-08 13:34:04.820
Received StatusCode	0
Expected StatusCode	0
Received EventCode 1	0
Expected EventCode 1	-1
Received QualifierCode 1	0
Expected QualifierCode 1	-1
Received EventCode 2	0
Expected EventCode 2	-1
Received QualifierCode 2	0
Expected QualifierCode 2	-1
Received EventCode 3	0
Expected EventCode 3	-1
Received QualifierCode 3	0
Expected QualifierCode 3	-1
Received EventCode 4	0
Expected EventCode 4	-1
Received QualifierCode 4	0
Expected QualifierCode 4	-1
Received EventCode 5	0
Expected EventCode 5	-1
Received QualifierCode 5	0
Expected QualifierCode 5	-1
Received EventCode 6	0
Expected EventCode 6	-1
Received QualifierCode 6	0

Expected QualifierCode 6	-1
Type	DUT Event Wait
Name	Communication Error
Description	Waits till the 'Communication Error' event from the GD via the DUT occurs or a timeout elapsed. A possible conversion into a system-specific code can take place. Qualifier: Instance = Application; Type = Error; Mode = Single Shot.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:34:04.835
End of execution	2017-06-08 13:34:04.835
Wait time [ms]	0
Expected Port ID	-1
Expected Event Code	0xFF10
Expected Event Qualifier	0x74
Expected Error Code	-1
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	IOL Event: Port 1, Qualifier 0x74, Code 0xFF10

Test Root : SDCI_TC_0261 (TCM_ALIC_EVNT_WITHDETAILSSINGLEEVENT)

Type	Test Root
Name	SDCI_TC_0261 (TCM_ALIC_EVNT_WITHDETAILSSINGLEEVENT)
Description	Master receives event with details (single event). Master receives Event with details (StatusCode type 2). Master transfers the Event-Code and EventQuaifier to the upper level system. Master acknowledges the Event; the Master-Tester ("Device") resets the Event flag. GoldenDevice pretends to master EventDetails, master has to evaluate the EventStatus byte and has to read and transfer the corresponding event. This case can be carried out for different addresses in the event buffer. In the following, these addresses are marked with 'n'.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:04.898
End of execution	2017-06-08 13:34:48.344

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:04.960
End of execution	2017-06-08 13:34:17.066
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:05.194
End of execution	2017-06-08 13:34:06.551
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:06.614
End of execution	2017-06-08 13:34:07.175
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0

PreOperate Frame type	TYPE_0
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:07.238
End of execution	2017-06-08 13:34:07.378
Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:07.441
End of execution	2017-06-08 13:34:07.441
Configuration set	default_1ByteSensor_1ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:07.503
End of execution	2017-06-08 13:34:07.503
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:34:07.565
End of execution	2017-06-08 13:34:16.691
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:16.754
End of execution	2017-06-08 13:34:17.066
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	Loop
Name	for all events
Description	Iterates over all child items
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:17.128

End of execution	2017-06-08 13:34:48.344
Count of loops	6
Current executed loop	6

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:43.165
End of execution	2017-06-08 13:34:43.165

Type	GD Write diagnostic channel
Name	Event with details
Description	Set the 'General malfunction' detail event for each event code separately. The test object triggers the GD to set the event flag.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:43.227
End of execution	2017-06-08 13:34:43.929
StatusCode	0x81; 0x82; 0x84; 0x88; 0x90; 0xA0
EventCode 1	0x1000; 0x0000; 0x0000; 0x0000; 0x0000; 0x0000
QualifierCode 1	0xF4; 0x00; 0x00; 0x00; 0x00; 0x00
EventCode 2	0x0000; 0x1000; 0x0000; 0x0000; 0x0000; 0x0000
QualifierCode 2	0x00; 0xF4; 0x00; 0x00; 0x00; 0x00
EventCode 3	0x0000; 0x0000; 0x1000; 0x0000; 0x0000; 0x0000
QualifierCode 3	0x00; 0x00; 0xF4; 0x00; 0x00; 0x00
EventCode 4	0x0000; 0x0000; 0x0000; 0x1000; 0x0000; 0x0000
QualifierCode 4	0x00; 0x00; 0x00; 0xF4; 0x00; 0x00
EventCode 5	0x0000; 0x0000; 0x0000; 0x0000; 0x1000; 0x0000
QualifierCode 5	0x00; 0x00; 0x00; 0x00; 0xF4; 0x00
EventCode 6	0x0000; 0x0000; 0x0000; 0x0000; 0x0000; 0x1000
QualifierCode 6	0x00; 0x00; 0x00; 0x00; 0x00; 0xF4
Set event flag	Yes

Type	Wait
Name	
Description	
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:43.991
End of execution	2017-06-08 13:34:45.005
Wait time [ms]	1000

Type	GD Read diagnostic channel
Name	Check acknowledged event
Description	Reads data from the diagnostic channel and verify the previous notified event is acknowledged by the DUT. As result of the acknowledge the status code shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:45.068
End of execution	2017-06-08 13:34:45.255
Received StatusCode	0; 0; 0; 0; 0; 0
Expected StatusCode	0
Received EventCode 1	4096; 0; 0; 0; 0; 0
Expected EventCode 1	-1
Received QualifierCode 1	244; 0; 0; 0; 0; 0
Expected QualifierCode 1	-1
Received EventCode 2	0; 4096; 0; 0; 0; 0
Expected EventCode 2	-1
Received QualifierCode 2	0; 244; 0; 0; 0; 0
Expected QualifierCode 2	-1

Received EventCode 3	0; 0; 4096; 0; 0; 0
Expected EventCode 3	-1
Received QualifierCode 3	0; 0; 244; 0; 0; 0
Expected QualifierCode 3	-1
Received EventCode 4	0; 0; 0; 4096; 0; 0
Expected EventCode 4	-1
Received QualifierCode 4	0; 0; 0; 244; 0; 0
Expected QualifierCode 4	-1
Received EventCode 5	0; 0; 0; 0; 4096; 0
Expected EventCode 5	-1
Received QualifierCode 5	0; 0; 0; 0; 244; 0
Expected QualifierCode 5	-1
Received EventCode 6	0; 0; 0; 0; 0; 4096
Expected EventCode 6	-1
Received QualifierCode 6	0; 0; 0; 0; 0; 244
Expected QualifierCode 6	-1

Type	DUT Event Wait
Name	General malfunction
Description	Waits till the 'General malfunction' event from the GD via the DUT occurs or a timeout elapsed. A possible conversion into a system-specific code can take place. Qualifier: Instance = unknown; Type = Error; Mode = Single Shot.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:34:45.317
End of execution	2017-06-08 13:34:45.317
Wait time [ms]	0
Expected Port ID	-1
Expected Event Code	0x1000
Expected Event Qualifier	0xF4
Expected Error Code	-1
Expected alt. System Event	0x0009
Expected alt. System Event (raw data)	
Received DUT event	IOL Event: Port 1, Qualifier 0xF4, Code 0x1000; IOL Event: Port 1, Qualifier 0xF4, Code 0x1000; IOL Event: Port 1, Qualifier 0xF4, Code 0x1000; IOL Event: Port 1, Qualifier 0xF4, Code 0x1000; IOL Event: Port 1, Qualifier 0xF4, Code 0x1000; IOL Event: Port 1, Qualifier 0xF4, Code 0x1000

Type	GD Write diagnostic channel
Name	Event disapear
Description	Set the 'General malfunction' detail event for each event code separately. The test object triggers the GD to set the event flag.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:45.380
End of execution	2017-06-08 13:34:45.941
StatusCode	0x81; 0x82; 0x84; 0x88; 0x90; 0xA0
EventCode 1	0x1000; 0x0000; 0x0000; 0x0000; 0x0000; 0x0000
QualifierCode 1	0xB4; 0x00; 0x00; 0x00; 0x00; 0x00
EventCode 2	0x0000; 0x1000; 0x0000; 0x0000; 0x0000; 0x0000
QualifierCode 2	0x00; 0xB4; 0x00; 0x00; 0x00; 0x00
EventCode 3	0x0000; 0x0000; 0x1000; 0x0000; 0x0000; 0x0000
QualifierCode 3	0x00; 0x00; 0xB4; 0x00; 0x00; 0x00
EventCode 4	0x0000; 0x0000; 0x0000; 0x1000; 0x0000; 0x0000
QualifierCode 4	0x00; 0x00; 0x00; 0xB4; 0x00; 0x00
EventCode 5	0x0000; 0x0000; 0x0000; 0x0000; 0x1000; 0x0000
QualifierCode 5	0x00; 0x00; 0x00; 0x00; 0xB4; 0x00
EventCode 6	0x0000; 0x0000; 0x0000; 0x0000; 0x0000; 0x1000
QualifierCode 6	0x00; 0x00; 0x00; 0x00; 0x00; 0xB4
Set event flag	Yes

Type	Wait
Name	
Description	
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:46.004
End of execution	2017-06-08 13:34:47.018
Wait time [ms]	1000
Type	GD Read diagnostic channel
Name	Check acknowledged event
Description	Reads data from the diagnostic channel and verify the previous notified event is acknowledged by the DUT. As result of the acknowledge the status code shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:47.080
End of execution	2017-06-08 13:34:47.267
Received StatusCode	0; 0; 0; 0; 0; 0
Expected StatusCode	0
Received EventCode 1	4096; 0; 0; 0; 0; 0
Expected EventCode 1	-1
Received QualifierCode 1	180; 0; 0; 0; 0; 0
Expected QualifierCode 1	-1
Received EventCode 2	0; 4096; 0; 0; 0; 0
Expected EventCode 2	-1
Received QualifierCode 2	0; 180; 0; 0; 0; 0
Expected QualifierCode 2	-1
Received EventCode 3	0; 0; 4096; 0; 0; 0
Expected EventCode 3	-1
Received QualifierCode 3	0; 0; 180; 0; 0; 0
Expected QualifierCode 3	-1
Received EventCode 4	0; 0; 0; 4096; 0; 0
Expected EventCode 4	-1
Received QualifierCode 4	0; 0; 0; 180; 0; 0
Expected QualifierCode 4	-1
Received EventCode 5	0; 0; 0; 0; 4096; 0
Expected EventCode 5	-1
Received QualifierCode 5	0; 0; 0; 0; 180; 0
Expected QualifierCode 5	-1
Received EventCode 6	0; 0; 0; 0; 0; 4096
Expected EventCode 6	-1
Received QualifierCode 6	0; 0; 0; 0; 0; 180
Expected QualifierCode 6	-1
Type	Wait
Name	
Description	
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:47.330
End of execution	2017-06-08 13:34:48.344
Wait time [ms]	1000

Test Root : SDCI_TC_0262 (TCM_ALIC_EVNT_WITHDETAILSDOUBLEEVENT)

Type	Test Root
Name	SDCI_TC_0262 (TCM_ALIC_EVNT_WITHDETAILSDOUBLEEVENT)
Description	Master receives event with details (double event). Master receives Event with details (StatusCode type 2). Master transfers it to the upper level system. Master acknowledges the Event; the Master-Tester ("Device") resets the Event flag. This procedure can be carried out for different Events in the Event buffer. These Events are numbered with "n".
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:48.406
End of execution	2017-06-08 13:35:35.222

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:48.469
End of execution	2017-06-08 13:35:00.730
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:48.703
End of execution	2017-06-08 13:34:50.216
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:50.278
End of execution	2017-06-08 13:34:50.840
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:50.902
End of execution	2017-06-08 13:34:51.074

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:51.136
End of execution	2017-06-08 13:34:51.136
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:34:51.199
End of execution	2017-06-08 13:34:51.199

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:34:51.261
End of execution	2017-06-08 13:35:00.387
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:00.450
End of execution	2017-06-08 13:35:00.730
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	Loop
Name	for all events
Description	Iterates over all child items
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:00.793
End of execution	2017-06-08 13:35:35.222
Count of loops	6
Current executed loop	6

Type	DUT Clear Events

Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:29.544
End of execution	2017-06-08 13:35:29.544
Type	GD Write diagnostic channel
Name	Event with details
Description	Set the 'General malfunction' and 'Temperature' detail event. The test object triggers the GD to set the event flag.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:29.606
End of execution	2017-06-08 13:35:30.308
StatusCode	0xA1; 0x92; 0xAC; 0x8C; 0x92; 0xA1
EventCode 1	0x1000; 0x0000; 0x0000; 0x0000; 0x0000; 0x4000
QualifierCode 1	0xF4; 0x00; 0x00; 0x00; 0x00; 0xE4
EventCode 2	0x0000; 0x1000; 0x0000; 0x0000; 0x4000; 0x0000
QualifierCode 2	0x00; 0xF4; 0x00; 0x00; 0xE4; 0x00
EventCode 3	0x0000; 0x0000; 0x1000; 0x4000; 0x0000; 0x0000
QualifierCode 3	0x00; 0x00; 0xF4; 0xE4; 0x00; 0x00
EventCode 4	0x0000; 0x0000; 0x4000; 0x1000; 0x0000; 0x0000
QualifierCode 4	0x00; 0x00; 0xE4; 0xF4; 0x00; 0x00
EventCode 5	0x0000; 0x4000; 0x0000; 0x0000; 0x1000; 0x0000
QualifierCode 5	0x00; 0xE4; 0x00; 0x00; 0xF4; 0x00
EventCode 6	0x4000; 0x0000; 0x0000; 0x0000; 0x0000; 0x1000
QualifierCode 6	0xE4; 0x00; 0x00; 0x00; 0x00; 0xF4
Set event flag	Yes
Type	Wait
Name	
Description	
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:30.370
End of execution	2017-06-08 13:35:31.384
Wait time [ms]	1000
Type	GD Read diagnostic channel
Name	Check acknowledged event
Description	Reads data from the diagnostic channel and verify the previous notified event is acknowledged by the DUT. As result of the acknowledge the status code shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:31.447
End of execution	2017-06-08 13:35:31.634
Received StatusCode	0; 0; 0; 0; 0; 0
Expected StatusCode	0
Received EventCode 1	4096; 0; 0; 0; 0; 16384
Expected EventCode 1	-1
Received QualifierCode 1	244; 0; 0; 0; 0; 228
Expected QualifierCode 1	-1
Received EventCode 2	0; 4096; 0; 0; 16384; 0
Expected EventCode 2	-1
Received QualifierCode 2	0; 244; 0; 0; 228; 0
Expected QualifierCode 2	-1
Received EventCode 3	0; 0; 4096; 16384; 0; 0
Expected EventCode 3	-1
Received QualifierCode 3	0; 0; 244; 228; 0; 0
Expected QualifierCode 3	-1

Received EventCode 4	0; 0; 16384; 4096; 0; 0
Expected EventCode 4	-1
Received QualifierCode 4	0; 0; 228; 244; 0; 0
Expected QualifierCode 4	-1
Received EventCode 5	0; 16384; 0; 0; 4096; 0
Expected EventCode 5	-1
Received QualifierCode 5	0; 228; 0; 0; 244; 0
Expected QualifierCode 5	-1
Received EventCode 6	16384; 0; 0; 0; 0; 4096
Expected EventCode 6	-1
Received QualifierCode 6	228; 0; 0; 0; 0; 244
Expected QualifierCode 6	-1

Type	DUT Event Wait
Name	General malfunction
Description	Waits till the 'General malfunction' event from the GD via the DUT occurs or a timeout elapsed. A possible conversion into a system-specific code can take place. Qualifier: Instance = unknown; Type = Error; Mode = Single Shot.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:35:31.696
End of execution	2017-06-08 13:35:31.696
Wait time [ms]	0
Expected Port ID	-1
Expected Event Code	0x1000
Expected Event Qualifier	0xF4
Expected Error Code	-1
Expected alt. System Event	0x0009
Expected alt. System Event (raw data)	
Received DUT event	IOL Event: Port 1, Qualifier 0xF4, Code 0x1000; IOL Event: Port 1, Qualifier 0xF4, Code 0x1000; IOL Event: Port 1, Qualifier 0xF4, Code 0x1000; IOL Event: Port 1, Qualifier 0xF4, Code 0x1000; IOL Event: Port 1, Qualifier 0xF4, Code 0x1000; IOL Event: Port 1, Qualifier 0xF4, Code 0x1000

Type	DUT Event Wait
Name	Temperature
Description	Waits till the 'Temperature' event from the GD via the DUT occurs or a timeout elapsed. A possible conversion into a system-specific code can take place. Qualifier: Instance = unknown; Type = Warning; Mode = Single Shot.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:35:31.759
End of execution	2017-06-08 13:35:31.759
Wait time [ms]	0
Expected Port ID	-1
Expected Event Code	0x4000
Expected Event Qualifier	0xE4
Expected Error Code	-1
Expected alt. System Event	0x0009
Expected alt. System Event (raw data)	
Received DUT event	IOL Event: Port 1, Qualifier 0xE4, Code 0x4000; IOL Event: Port 1, Qualifier 0xE4, Code 0x4000; IOL Event: Port 1, Qualifier 0xE4, Code 0x4000; IOL Event: Port 1, Qualifier 0xE4, Code 0x4000; IOL Event: Port 1, Qualifier 0xE4, Code 0x4000; IOL Event: Port 1, Qualifier 0xE4, Code 0x4000

Type	GD Read diagnostic channel
Name	Check acknowledged event
Description	Reads data from the diagnostic channel and verify the previous notified event is acknowledged by the DUT. As result of the acknowledge the status code shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No

Comment	
Start of execution	2017-06-08 13:35:31.821
End of execution	2017-06-08 13:35:32.133
Received StatusCode	0; 0; 0; 0; 0; 0
Expected StatusCode	0
Received EventCode 1	4096; 0; 0; 0; 0; 16384
Expected EventCode 1	-1
Received QualifierCode 1	244; 0; 0; 0; 0; 228
Expected QualifierCode 1	-1
Received EventCode 2	0; 4096; 0; 0; 16384; 0
Expected EventCode 2	-1
Received QualifierCode 2	0; 244; 0; 0; 228; 0
Expected QualifierCode 2	-1
Received EventCode 3	0; 0; 4096; 16384; 0; 0
Expected EventCode 3	-1
Received QualifierCode 3	0; 0; 244; 228; 0; 0
Expected QualifierCode 3	-1
Received EventCode 4	0; 0; 16384; 4096; 0; 0
Expected EventCode 4	-1
Received QualifierCode 4	0; 0; 228; 244; 0; 0
Expected QualifierCode 4	-1
Received EventCode 5	0; 16384; 0; 0; 4096; 0
Expected EventCode 5	-1
Received QualifierCode 5	0; 228; 0; 0; 244; 0
Expected QualifierCode 5	-1
Received EventCode 6	16384; 0; 0; 0; 0; 4096
Expected EventCode 6	-1
Received QualifierCode 6	228; 0; 0; 0; 0; 244
Expected QualifierCode 6	-1
Type	GD Write diagnostic channel
Name	Event disapear
Description	Set the 'General malfunction' detail event for each event code separately. The test object triggers the GD to set the event flag.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:32.196
End of execution	2017-06-08 13:35:32.820
StatusCode	0xA1; 0x92; 0xAC; 0x8C; 0x92; 0xA1
EventCode 1	0x1000; 0x0000; 0x0000; 0x0000; 0x0000; 0x4000
QualifierCode 1	0xB4; 0x00; 0x00; 0x00; 0x00; 0xA4
EventCode 2	0x0000; 0x1000; 0x0000; 0x0000; 0x4000; 0x0000
QualifierCode 2	0x00; 0xB4; 0x00; 0x00; 0xA4; 0x00
EventCode 3	0x0000; 0x0000; 0x1000; 0x4000; 0x0000; 0x0000
QualifierCode 3	0x00; 0x00; 0xB4; 0xA4; 0x00; 0x00
EventCode 4	0x0000; 0x0000; 0x4000; 0x1000; 0x0000; 0x0000
QualifierCode 4	0x00; 0x00; 0xA4; 0xB4; 0x00; 0x00
EventCode 5	0x0000; 0x4000; 0x0000; 0x0000; 0x1000; 0x0000
QualifierCode 5	0x00; 0xA4; 0x00; 0x00; 0xB4; 0x00
EventCode 6	0x4000; 0x0000; 0x0000; 0x0000; 0x0000; 0x1000
QualifierCode 6	0xA4; 0x00; 0x00; 0x00; 0x00; 0xB4
Set event flag	Yes
Type	Wait
Name	
Description	
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:32.882
End of execution	2017-06-08 13:35:33.896
Wait time [ms]	1000
Type	GD Read diagnostic channel
Name	Check acknowledged event
Description	Reads data from the diagnostic channel and verify the previous notified event is acknowledged by the DUT. As result of the acknowledge the status code shall be 0.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:33.958
End of execution	2017-06-08 13:35:34.146
Received StatusCode	0; 0; 0; 0; 0; 0
Expected StatusCode	0
Received EventCode 1	4096; 0; 0; 0; 0; 16384
Expected EventCode 1	-1
Received QualifierCode 1	180; 0; 0; 0; 0; 164
Expected QualifierCode 1	-1
Received EventCode 2	0; 4096; 0; 0; 16384; 0
Expected EventCode 2	-1
Received QualifierCode 2	0; 180; 0; 0; 164; 0
Expected QualifierCode 2	-1
Received EventCode 3	0; 0; 4096; 16384; 0; 0
Expected EventCode 3	-1
Received QualifierCode 3	0; 0; 180; 164; 0; 0
Expected QualifierCode 3	-1
Received EventCode 4	0; 0; 16384; 4096; 0; 0
Expected EventCode 4	-1
Received QualifierCode 4	0; 0; 164; 180; 0; 0
Expected QualifierCode 4	-1
Received EventCode 5	0; 16384; 0; 0; 4096; 0
Expected EventCode 5	-1
Received QualifierCode 5	0; 164; 0; 0; 180; 0
Expected QualifierCode 5	-1
Received EventCode 6	16384; 0; 0; 0; 0; 4096
Expected EventCode 6	-1
Received QualifierCode 6	164; 0; 0; 0; 0; 180
Expected QualifierCode 6	-1

Type	Wait
Name	
Description	
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:34.208
End of execution	2017-06-08 13:35:35.222
Wait time [ms]	1000

Test Root : SDCI_TC_0263 (TCM_ALIC_EVNT_WITHDETAILSSIXEVENTS)

Type	Test Root
Name	SDCI_TC_0263 (TCM_ALIC_EVNT_WITHDETAILSSIXEVENTS)
Description	Master receives event with details (six events). Master receives Event with details (StatusCode type 2). Master transfers it to the upper level system. Master acknowledges the Event; the Master-Tester ("Device") resets the Event flag. This procedure can be carried out for different Events in the Event buffer. These Events are numbered with "n".
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:35.284
End of execution	2017-06-08 13:35:54.192

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:35.347
End of execution	2017-06-08 13:35:47.593
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:35.596
End of execution	2017-06-08 13:35:37.078
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:37.141
End of execution	2017-06-08 13:35:37.702
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:37.765
End of execution	2017-06-08 13:35:37.890

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:37.952
End of execution	2017-06-08 13:35:37.952
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:38.014
End of execution	2017-06-08 13:35:38.014

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:35:38.077
End of execution	2017-06-08 13:35:47.203
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:47.265
End of execution	2017-06-08 13:35:47.593
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:47.655
End of execution	2017-06-08 13:35:47.655

Type	GD Write diagnostic channel
Name	Event with details
Description	Set the 'General malfunction','Temperature','Device hardware','Device hardware -

	additional communication','Device Software' and 'Monitoring' detail event to the events 1 up to 6. The test object triggers the GD to set the event flag.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:47.718
End of execution	2017-06-08 13:35:48.435
StatusCode	0xBF
EventCode 1	0x1000
QualifierCode 1	0xF4
EventCode 2	0x4000
QualifierCode 2	0xE4
EventCode 3	0x5000
QualifierCode 3	0xD4
EventCode 4	0x5500
QualifierCode 4	0xB4
EventCode 5	0x6000
QualifierCode 5	0xA4
EventCode 6	0x8000
QualifierCode 6	0x94
Set event flag	Yes

Type	Wait
Name	
Description	
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:48.498
End of execution	2017-06-08 13:35:53.568
Wait time [ms]	5000

Type	GD Read diagnostic channel
Name	Check acknowledged event
Description	Reads data from the diagnostic channel and verify the previous notified event is acknowledged by the DUT. As result of the acknowledge the status code shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:53.630
End of execution	2017-06-08 13:35:53.817
Received StatusCode	0
Expected StatusCode	0
Received EventCode 1	4096
Expected EventCode 1	-1
Received QualifierCode 1	244
Expected QualifierCode 1	-1
Received EventCode 2	16384
Expected EventCode 2	-1
Received QualifierCode 2	228
Expected QualifierCode 2	-1
Received EventCode 3	20480
Expected EventCode 3	-1
Received QualifierCode 3	212
Expected QualifierCode 3	-1
Received EventCode 4	21760
Expected EventCode 4	-1
Received QualifierCode 4	180
Expected QualifierCode 4	-1
Received EventCode 5	24576
Expected EventCode 5	-1
Received QualifierCode 5	164
Expected QualifierCode 5	-1
Received EventCode 6	32768
Expected EventCode 6	-1
Received QualifierCode 6	148

Expected QualifierCode 6	-1
Type	DUT Event Wait
Name	General malfunction
Description	Waits till the 'General malfunction' event from the GD via the DUT occurs or a timeout elapsed. A possible conversion into a system-specific code can take place. Qualifier: Instance = unknown; Type = Error; Mode = Single Shot.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:35:53.880
End of execution	2017-06-08 13:35:53.880
Wait time [ms]	0
Expected Port ID	-1
Expected Event Code	0x1000
Expected Event Qualifier	0xF4
Expected Error Code	-1
Expected alt. System Event	0x0009
Expected alt. System Event (raw data)	
Received DUT event	IOL Event: Port 1, Qualifier 0xF4, Code 0x1000
Type	DUT Event Wait
Name	Temperature
Description	Waits till the 'Temperature' event from the GD via the DUT occurs or a timeout elapsed. A possible conversion into a system-specific code can take place. Qualifier: Instance = unknown; Type = Warning; Mode = Single Shot.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:35:53.942
End of execution	2017-06-08 13:35:53.942
Wait time [ms]	0
Expected Port ID	-1
Expected Event Code	0x4000
Expected Event Qualifier	0xE4
Expected Error Code	-1
Expected alt. System Event	0x0009
Expected alt. System Event (raw data)	
Received DUT event	IOL Event: Port 1, Qualifier 0xE4, Code 0x4000
Type	DUT Event Wait
Name	Device hardware
Description	Waits till the 'Device hardware' event from the GD via the DUT occurs or a timeout elapsed. A possible conversion into a system-specific code can take place. Qualifier: Instance = unknown; Type = Information; Mode = Single Shot.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:35:54.004
End of execution	2017-06-08 13:35:54.004
Wait time [ms]	0
Expected Port ID	-1
Expected Event Code	0x5000
Expected Event Qualifier	0xD4
Expected Error Code	-1
Expected alt. System Event	0x0009
Expected alt. System Event (raw data)	
Received DUT event	IOL Event: Port 1, Qualifier 0xD4, Code 0x5000
Type	DUT Event Wait
Name	Device hardware with more detail
Description	Waits till the 'Device hardware - addtional communicaiton' event from the GD via the DUT occurs or a timeout elapsed. A possible conversion into a system-specific code can take place. Qualifier: Instance = unknown; Type = Error; Mode = Event disappears.
State	Successful
State info	

Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:35:54.067
End of execution	2017-06-08 13:35:54.067
Wait time [ms]	0
Expected Port ID	-1
Expected Event Code	0x5500
Expected Event Qualifier	0xB4
Expected Error Code	-1
Expected alt. System Event	0x0009
Expected alt. System Event (raw data)	
Received DUT event	IOL Event: Port 1, Qualifier 0xB4, Code 0x5500
Type	DUT Event Wait
Name	Device Software
Description	Waits till the 'Device Software' event from the GD via the DUT occurs or a timeout elapsed. A possible conversion into a system-specific code can take place. Qualifier: Instance = unknown; Type = Warning; Mode = Event disappears.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:35:54.129
End of execution	2017-06-08 13:35:54.129
Wait time [ms]	0
Expected Port ID	-1
Expected Event Code	0x6000
Expected Event Qualifier	0xA4
Expected Error Code	-1
Expected alt. System Event	0x0009
Expected alt. System Event (raw data)	
Received DUT event	IOL Event: Port 1, Qualifier 0xA4, Code 0x6000
Type	DUT Event Wait
Name	Monitoring
Description	Waits till the 'Device Software' event from the GD via the DUT occurs or a timeout elapsed. A possible conversion into a system-specific code can take place. Qualifier: Instance = unknown; Type = Information; Mode = Event disappears.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:35:54.192
End of execution	2017-06-08 13:35:54.192
Wait time [ms]	0
Expected Port ID	-1
Expected Event Code	0x8000
Expected Event Qualifier	0x94
Expected Error Code	-1
Expected alt. System Event	0x0009
Expected alt. System Event (raw data)	
Received DUT event	IOL Event: Port 1, Qualifier 0x94, Code 0x8000

Test Root : SDCI_TC_0264 (TCM_ALIC_EVNT_WRITEISDUWITH EVENT)

Type	Test Root
Name	SDCI_TC_0264 (TCM_ALIC_EVNT_WRITEISDUWITH EVENT)
Description	Master receives one Event while in ISDU transfer (stopover; no details). Master receives one Event while in ISDU Write transfer (stopover; no details). The Event flag shall be set during transfer of an ISDU. The Master interrupts the ISDU and retrieves the Event content. After Event handling, the ISDU transfer shall be continued.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:54.254
End of execution	2017-06-08 13:36:10.572

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:54.316
End of execution	2017-06-08 13:36:06.453
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:54.566
End of execution	2017-06-08 13:35:55.939
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:56.001
End of execution	2017-06-08 13:35:56.563
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:56.625
End of execution	2017-06-08 13:35:56.750

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:56.812
End of execution	2017-06-08 13:35:56.812
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:35:56.875
End of execution	2017-06-08 13:35:56.875

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:35:56.937
End of execution	2017-06-08 13:36:06.063
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:06.126
End of execution	2017-06-08 13:36:06.453
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:06.516
End of execution	2017-06-08 13:36:06.516

Type	GD Write diagnostic channel
Name	Event without details
Description	Set the 'Parameter Error' event without details.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:06.578
End of execution	2017-06-08 13:36:07.186
StatusCode	0x04
EventCode 1	-1
QualifierCode 1	-1
EventCode 2	-1
QualifierCode 2	-1
EventCode 3	-1
QualifierCode 3	-1
EventCode 4	-1
QualifierCode 4	-1
EventCode 5	-1
QualifierCode 5	-1
EventCode 6	-1
QualifierCode 6	-1
Set event flag	No
Type	GD Prepare state
Name	Event while ISDU
Description	Prepare the GD to set the event flag while ISDU write request. Precondition: Event data must set (by CTOGDDiagDataChWrite).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:07.249
End of execution	2017-06-08 13:36:07.483
GD state	GDEventWhileSPDUReqState
Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to log all IO-Link ISDU telegrams. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:07.545
End of execution	2017-06-08 13:36:07.779
GD state	GDMonitorSPDUMode
Type	GD Prepare state
Name	Monitor
Description	Prepares the GD to log all IO-Link ISDU telegrams. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:07.842
End of execution	2017-06-08 13:36:08.076
GD state	GDMonitorMode
Type	GD ISDU Response
Name	positive write
Description	Prepare the positive ISDU write response of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:08.138
End of execution	2017-06-08 13:36:08.481
Index	0
Subindex	0
Response service	0x00
Response length	0x00
Data	

Type	DUT ISDU Write
Name	Application Specific Name
Description	Executes a ISDU write service to parameter 'Application Specific Name'.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:08.544
End of execution	2017-06-08 13:36:10.197
Port ID	-1
Index	24
Subindex	0
Data	
	0x30,0x31,0x32,0x33,0x34,0x35,0x36,0x37,0x38,0x39,0x61,0x62,0x63,0x64,0x65,0x66,0x67,0x68,0x

Type	GD Read diagnostic channel
Name	Check acknowledged event
Description	Reads data from the diagnostic channel and verify the previous notified event is acknowledged by the DUT. As result of the acknowledge the status code shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:10.260
End of execution	2017-06-08 13:36:10.400
Received StatusCode	0
Expected StatusCode	0
Received EventCode 1	0
Expected EventCode 1	-1
Received QualifierCode 1	0
Expected QualifierCode 1	-1
Received EventCode 2	0
Expected EventCode 2	-1
Received QualifierCode 2	0
Expected QualifierCode 2	-1
Received EventCode 3	0
Expected EventCode 3	-1
Received QualifierCode 3	0
Expected QualifierCode 3	-1
Received EventCode 4	0
Expected EventCode 4	-1
Received QualifierCode 4	0
Expected QualifierCode 4	-1
Received EventCode 5	0
Expected EventCode 5	-1
Received QualifierCode 5	0
Expected QualifierCode 5	-1
Received EventCode 6	0
Expected EventCode 6	-1
Received QualifierCode 6	0
Expected QualifierCode 6	-1

Type	Check Monitor ISDU
Name	Write Request
Description	Checks the communicated ISDU write request from DUT to GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:10.462
End of execution	2017-06-08 13:36:10.462
Timeout [ms]	0
Service	WriteRequest_8I
Index	24
Subindex	0

Data received	
	0x30,0x31,0x32,0x33,0x34,0x35,0x36,0x37,0x38,0x39,0x61,0x62,0x63,0x64,0x65,0x66,0x67,0x68,0x
Expected data	
	0x30,0x31,0x32,0x33,0x34,0x35,0x36,0x37,0x38,0x39,0x61,0x62,0x63,0x64,0x65,0x66,0x67,0x68,0x
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	-1
Expected position (latest)	-1
Clear receive queue	Yes
Clear receive queue up to found item	No

Type	DUT Event Wait
Name	Parameter Error
Description	Waits till the 'Device Error' event from the GD via the DUT occurs or a timeout elapsed. A possible conversion into a system-specific code can take place. Qualifier: Instance = Application; Type = Error; Mode = Single Shot.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:36:10.525
End of execution	2017-06-08 13:36:10.572
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	0x6320
Expected Event Qualifier	0x74
Expected Error Code	-1
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	IOL Event: Port 1, Qualifier 0x74, Code 0x6320

Test Root : SDCI_TC_0265 (TCM_ALIC_EVNT_READISDUWITH EVENT)

Type	Test Root
Name	SDCI_TC_0265 (TCM_ALIC_EVNT_READISDUWITH EVENT)
Description	Master receives event while in ISDU Read transfer (stopover; no details). Master receives one Event while in ISDU Read transfer (stopover; no details). The Event flag shall be set during transfer of an ISDU. The Master interrupts the ISDU and retrieves the Event content. After Event handling, the ISDU transfer shall be continued.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:10.634
End of execution	2017-06-08 13:36:25.610

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:10.696
End of execution	2017-06-08 13:36:22.849
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:10.946
End of execution	2017-06-08 13:36:12.334
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:12.397
End of execution	2017-06-08 13:36:12.958
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:13.021
End of execution	2017-06-08 13:36:13.208

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:13.270
End of execution	2017-06-08 13:36:13.270
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:13.333
End of execution	2017-06-08 13:36:13.333

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:36:13.395
End of execution	2017-06-08 13:36:22.521
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:22.584
End of execution	2017-06-08 13:36:22.849
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:22.911
End of execution	2017-06-08 13:36:22.911

Type	GD Write diagnostic channel
Name	Event without details
Description	Set the 'Parameter Error' event without details.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:22.974
End of execution	2017-06-08 13:36:23.379
StatusCode	0x04
EventCode 1	-1
QualifierCode 1	-1
EventCode 2	-1
QualifierCode 2	-1
EventCode 3	-1
QualifierCode 3	-1
EventCode 4	-1
QualifierCode 4	-1
EventCode 5	-1
QualifierCode 5	-1
EventCode 6	-1
QualifierCode 6	-1
Set event flag	No
Type	GD Prepare state
Name	Event while ISDU
Description	Prepare the GD to set the event flag while ISDU reading response. Precondition: Event data must set (by CTOGDDiagDataChWrite).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:23.442
End of execution	2017-06-08 13:36:23.676
GD state	GDEventWhileSPDURspState
Type	GD ISDU Response
Name	positive read
Description	Prepare the positive ISDU response of the GD with extended data length.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:23.738
End of execution	2017-06-08 13:36:24.284
Index	0
Subindex	0
Response service	0x00
Response length	0x00
Data	
	0x49,0x4F,0x2D,0x4C,0x69,0x6E,0x6B,0x20,0x47,0x6F,0x6C,0x64,0x65,0x6E,0x20,0x44,0x65,0x76,
Type	DUT ISDU Read
Name	expect ProductID
Description	Executes a ISDU read service to parameter 'ProductID'. Expect text 'IO-Link Golden Device V1.0 test case SPDU_Stopover'
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:24.346
End of execution	2017-06-08 13:36:25.376
Port ID	-1
Index	19
Subindex	0
Data received	
	0x49,0x4F,0x2D,0x4C,0x69,0x6E,0x6B,0x20,0x47,0x6F,0x6C,0x64,0x65,0x6E,0x20,0x44,0x65,0x76,
Expected data	

	0x49,0x4F,0x2D,0x4C,0x69,0x6E,0x6B,0x20,0x47,0x6F,0x6C,0x64,0x65,0x6E,0x20,0x44,0x65,0x76,
Empty data expected	No
Type	GD Read diagnostic channel
Name	Check acknowledged event
Description	Reads data from the diagnostic channel and verify the previous notified event is acknowledged by the DUT. As result of the acknowledge the status code shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:25.438
End of execution	2017-06-08 13:36:25.594
Received StatusCode	0
Expected StatusCode	0
Received EventCode 1	0
Expected EventCode 1	-1
Received QualifierCode 1	0
Expected QualifierCode 1	-1
Received EventCode 2	0
Expected EventCode 2	-1
Received QualifierCode 2	0
Expected QualifierCode 2	-1
Received EventCode 3	0
Expected EventCode 3	-1
Received QualifierCode 3	0
Expected QualifierCode 3	-1
Received EventCode 4	0
Expected EventCode 4	-1
Received QualifierCode 4	0
Expected QualifierCode 4	-1
Received EventCode 5	0
Expected EventCode 5	-1
Received QualifierCode 5	0
Expected QualifierCode 5	-1
Received EventCode 6	0
Expected EventCode 6	-1
Received QualifierCode 6	0
Expected QualifierCode 6	-1
Type	DUT Event Wait
Name	Parameter Error
Description	Waits till the 'Device Error' event from the GD via the DUT occurs or a timeout elapsed. A possible conversion into a system-specific code can take place. Qualifier: Instance = Application; Type = Error; Mode = Single Shot.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:36:25.610
End of execution	2017-06-08 13:36:25.610
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	0x6320
Expected Event Qualifier	0x74
Expected Error Code	-1
Expected alt. System Event	0x0009
Expected alt. System Event (raw data)	
Received DUT event	IOL Event: Port 1, Qualifier 0x74, Code 0x6320

Test Root : SDCI_TC_0266 (TCM_ALIC_EVNT_WRITEISDUWITH EVENTDETAILS)

Type	Test Root
Name	SDCI_TC_0266 (TCM_ALIC_EVNT_WRITEISDUWITH EVENTDETAILS)
Description	Master receives event while in ISDU Write transfer (stopover; with details). Master receives Event while in ISDU Write transfer (stopover; with details). The Event flag shall be set during transfer of an ISDU. The Master interrupts the ISDU and retrieves the Event content. After Event handling, the ISDU transfer shall be continued.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:25.672
End of execution	2017-06-08 13:36:43.020

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:25.735
End of execution	2017-06-08 13:36:37.638
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:25.984
End of execution	2017-06-08 13:36:27.326
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:27.388
End of execution	2017-06-08 13:36:27.950
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:28.012
End of execution	2017-06-08 13:36:28.153

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:28.168
End of execution	2017-06-08 13:36:28.168
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:28.184
End of execution	2017-06-08 13:36:28.184

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:36:28.246
End of execution	2017-06-08 13:36:37.372
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:37.435
End of execution	2017-06-08 13:36:37.638
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:37.700
End of execution	2017-06-08 13:36:37.700

Type	GD Write diagnostic channel
Name	Event with details
Description	Set the 'General malfunction' detail event for event code 1.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:37.762
End of execution	2017-06-08 13:36:38.168
StatusCode	0x81
EventCode 1	0x1000
QualifierCode 1	0xF4
EventCode 2	-1
QualifierCode 2	-1
EventCode 3	-1
QualifierCode 3	-1
EventCode 4	-1
QualifierCode 4	-1
EventCode 5	-1
QualifierCode 5	-1
EventCode 6	-1
QualifierCode 6	-1
Set event flag	No

Type	GD Prepare state
Name	Event while ISDU
Description	Prepare the GD to set the event flag while ISDU write request. Precondition: Event data must set (by CTOGDDiagDataChWrite).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:38.230
End of execution	2017-06-08 13:36:38.464
GD state	GDEventWhileSPDUReqState

Type	GD Prepare state
Name	Monitor ISDU
Description	Prepares the GD to log all IO-Link ISDU telegrams. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:38.527
End of execution	2017-06-08 13:36:38.761
GD state	GDMonitorSPDUMode

Type	GD ISDU Response
Name	positive write
Description	Prepare the positive ISDU write response of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:38.823
End of execution	2017-06-08 13:36:39.354
Index	0
Subindex	0
Response service	0x00
Response length	0x00
Data	

Type	DUT ISDU Write
Name	Application Specific Name
Description	Executes a ISDU write service to parameter 'Application Specific Name'.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:39.416
End of execution	2017-06-08 13:36:41.584
Port ID	-1

Index	24
Subindex	0
Data	
	0x30,0x31,0x32,0x33,0x34,0x35,0x36,0x37,0x38,0x39,0x61,0x62,0x63,0x64,0x65,0x66,0x67,0x68,0x
Type	GD Read diagnostic channel
Name	Check acknowledged event
Description	Reads data from the diagnostic channel and verify the previous notified event is acknowledged by the DUT. As result of the acknowledge the status code shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:41.647
End of execution	2017-06-08 13:36:41.881
Received StatusCode	0
Expected StatusCode	0
Received EventCode 1	4096
Expected EventCode 1	-1
Received QualifierCode 1	244
Expected QualifierCode 1	-1
Received EventCode 2	0
Expected EventCode 2	-1
Received QualifierCode 2	0
Expected QualifierCode 2	-1
Received EventCode 3	0
Expected EventCode 3	-1
Received QualifierCode 3	0
Expected QualifierCode 3	-1
Received EventCode 4	0
Expected EventCode 4	-1
Received QualifierCode 4	0
Expected QualifierCode 4	-1
Received EventCode 5	0
Expected EventCode 5	-1
Received QualifierCode 5	0
Expected QualifierCode 5	-1
Received EventCode 6	0
Expected EventCode 6	-1
Received QualifierCode 6	0
Expected QualifierCode 6	-1
Type	Check Monitor ISDU
Name	Write Request
Description	Checks the communicated ISDU write request from DUT to GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:41.943
End of execution	2017-06-08 13:36:42.957
Timeout [ms]	1000
Service	WriteRequest_8I
Index	24
Subindex	0
Data received	
	0x30,0x31,0x32,0x33,0x34,0x35,0x36,0x37,0x38,0x39,0x61,0x62,0x63,0x64,0x65,0x66,0x67,0x68,0x
Expected data	
	0x30,0x31,0x32,0x33,0x34,0x35,0x36,0x37,0x38,0x39,0x61,0x62,0x63,0x64,0x65,0x66,0x67,0x68,0x
Empty data expected	No
Count of received services	1
Minimum received services	1

Maximum received services	-1
Expected position (latest)	-1
Clear receive queue	Yes
Clear receive queue up to found item	No
Type	DUT Event Wait
Name	General malfunction
Description	Waits till the 'General malfunction' event from the GD via the DUT occurs or a timeout elapsed. A possible conversion into a system-specific code can take place. Qualifier: Instance = unknown; Type = Error; Mode = Single Shot.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:36:43.020
End of execution	2017-06-08 13:36:43.020
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	0x1000
Expected Event Qualifier	0xF4
Expected Error Code	-1
Expected alt. System Event	0x0009
Expected alt. System Event (raw data)	
Received DUT event	IOL Event: Port 1, Qualifier 0xF4, Code 0x1000

Test Root : SDCI_TC_0267 (TCM_ALIC_EVNT_READISDUWITH EVENTDETAILS)

Type	Test Root
Name	SDCI_TC_0267 (TCM_ALIC_EVNT_READISDUWITH EVENTDETAILS)
Description	Master receives one Event while in ISDU Read transfer (stopover; with details). The Event flag shall be set during transfer of an ISDU. The Master interrupts the ISDU and retrieves the Event content. After Event handling, the ISDU transfer shall be continued.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:43.082
End of execution	2017-06-08 13:36:58.152

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:43.144
End of execution	2017-06-08 13:36:55.344
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:43.394
End of execution	2017-06-08 13:36:44.829
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:44.892
End of execution	2017-06-08 13:36:45.453
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:45.516
End of execution	2017-06-08 13:36:45.656

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:45.718
End of execution	2017-06-08 13:36:45.718
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:45.781
End of execution	2017-06-08 13:36:45.781

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:36:45.843
End of execution	2017-06-08 13:36:54.969
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:55.032
End of execution	2017-06-08 13:36:55.344
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:55.406
End of execution	2017-06-08 13:36:55.406

Type	GD Write diagnostic channel
Name	Event with details
Description	Set the 'General malfunction' detail event for event code 1.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:55.469
End of execution	2017-06-08 13:36:55.874
StatusCode	0x81
EventCode 1	0x1000
QualifierCode 1	0xF4
EventCode 2	-1
QualifierCode 2	-1
EventCode 3	-1
QualifierCode 3	-1
EventCode 4	-1
QualifierCode 4	-1
EventCode 5	-1
QualifierCode 5	-1
EventCode 6	-1
QualifierCode 6	-1
Set event flag	No
Type	GD Prepare state
Name	Event while ISDU
Description	Prepare the GD to set the event flag while ISDU reading response. Precondition: Event data must set (by CTOGDDiagDataChWrite).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:55.937
End of execution	2017-06-08 13:36:56.171
GD state	GDEventWhileSPDURspState
Type	GD ISDU Response
Name	positive read
Description	Prepare the positive ISDU response of the GD with extended data length.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:56.233
End of execution	2017-06-08 13:36:56.779
Index	0
Subindex	0
Response service	0x00
Response length	0x00
Data	
	0x49,0x4F,0x2D,0x4C,0x69,0x6E,0x6B,0x20,0x47,0x6F,0x6C,0x64,0x65,0x6E,0x20,0x44,0x65,0x76,
Type	DUT ISDU Read
Name	expect ProductID
Description	Executes a ISDU read service to parameter 'ProductID'. Expect text 'IO-Link Golden Device V1.0 test case SPDU_Stopover'
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:56.841
End of execution	2017-06-08 13:36:57.871
Port ID	-1
Index	19
Subindex	0
Data received	
	0x49,0x4F,0x2D,0x4C,0x69,0x6E,0x6B,0x20,0x47,0x6F,0x6C,0x64,0x65,0x6E,0x20,0x44,0x65,0x76,
Expected data	

	0x49,0x4F,0x2D,0x4C,0x69,0x6E,0x6B,0x20,0x47,0x6F,0x6C,0x64,0x65,0x6E,0x20,0x44,0x65,0x76,
Empty data expected	No
Type	GD Read diagnostic channel
Name	Check acknowledged event
Description	Reads data from the diagnostic channel and verify the previous notified event is acknowledged by the DUT. As result of the acknowledge the status code shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:57.933
End of execution	2017-06-08 13:36:58.089
Received StatusCode	0
Expected StatusCode	0
Received EventCode 1	4096
Expected EventCode 1	-1
Received QualifierCode 1	244
Expected QualifierCode 1	-1
Received EventCode 2	0
Expected EventCode 2	-1
Received QualifierCode 2	0
Expected QualifierCode 2	-1
Received EventCode 3	0
Expected EventCode 3	-1
Received QualifierCode 3	0
Expected QualifierCode 3	-1
Received EventCode 4	0
Expected EventCode 4	-1
Received QualifierCode 4	0
Expected QualifierCode 4	-1
Received EventCode 5	0
Expected EventCode 5	-1
Received QualifierCode 5	0
Expected QualifierCode 5	-1
Received EventCode 6	0
Expected EventCode 6	-1
Received QualifierCode 6	0
Expected QualifierCode 6	-1
Type	DUT Event Wait
Name	General malfunction
Description	Waits till the 'General malfunction' event from the GD via the DUT occurs or a timeout elapsed. A possible conversion into a system-specific code can take place. Qualifier: Instance = unknown; Type = Error; Mode = Single Shot.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:36:58.152
End of execution	2017-06-08 13:36:58.152
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	0x1000
Expected Event Qualifier	0xF4
Expected Error Code	-1
Expected alt. System Event	0x0009
Expected alt. System Event (raw data)	
Received DUT event	IOL Event: Port 1, Qualifier 0xF4, Code 0x1000

Test Root : SDCI_TC_0268 (TCM_ALIC_EVNT_ONEEVENTFROMBUFFER)

Type	Test Root
Name	SDCI_TC_0268 (TCM_ALIC_EVNT_ONEEVENTFROMBUFFER)
Description	Master receives event while in ISDU Read transfer (stopover; with details). Master receives Event with details (StatusCode type 2). Master transfers the Event-Code and EventQuaifier to the upper level system. Master acknowledges the Event; the Master-Tester ("Device") resets the Event flag. GoldenDevice pretends to master EventDetails, master has to evaluate the EventStatus byte and has to read and transfer the corresponding event. This case can be carried out for different addresses in the event buffer. In the following, these addresses are marked with 'n'.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:58.214
End of execution	2017-06-08 13:37:41.832

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:58.277
End of execution	2017-06-08 13:37:10.538
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:36:58.526
End of execution	2017-06-08 13:37:00.024
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:37:00.086
End of execution	2017-06-08 13:37:00.648
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:37:00.710
End of execution	2017-06-08 13:37:00.851

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:37:00.913
End of execution	2017-06-08 13:37:00.913
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:37:00.975
End of execution	2017-06-08 13:37:00.975

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:37:01.038
End of execution	2017-06-08 13:37:10.164
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:37:10.226
End of execution	2017-06-08 13:37:10.538
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	Loop
Name	for all events
Description	Iterates over all child items
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:37:10.601
End of execution	2017-06-08 13:37:41.832

Count of loops	6
Current executed loop	6

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:37:36.637
End of execution	2017-06-08 13:37:36.637

Type	GD Write diagnostic channel
Name	Event with details
Description	Set the 'General malfunction' detail event for each event code separately. The test object triggers the GD to set the event flag.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:37:36.699
End of execution	2017-06-08 13:37:37.417
StatusCode	0x81; 0x82; 0x84; 0x88; 0x90; 0xA0
EventCode 1	0x1000; 0x0000; 0x0000; 0x0000; 0x0000; 0x0000
QualifierCode 1	0xF4; 0x00; 0x00; 0x00; 0x00; 0x00
EventCode 2	0x0000; 0x1000; 0x0000; 0x0000; 0x0000; 0x0000
QualifierCode 2	0x00; 0xF4; 0x00; 0x00; 0x00; 0x00
EventCode 3	0x0000; 0x0000; 0x1000; 0x0000; 0x0000; 0x0000
QualifierCode 3	0x00; 0x00; 0xF4; 0x00; 0x00; 0x00
EventCode 4	0x0000; 0x0000; 0x0000; 0x1000; 0x0000; 0x0000
QualifierCode 4	0x00; 0x00; 0x00; 0xF4; 0x00; 0x00
EventCode 5	0x0000; 0x0000; 0x0000; 0x0000; 0x1000; 0x0000
QualifierCode 5	0x00; 0x00; 0x00; 0x00; 0xF4; 0x00
EventCode 6	0x0000; 0x0000; 0x0000; 0x0000; 0x0000; 0x1000
QualifierCode 6	0x00; 0x00; 0x00; 0x00; 0x00; 0xF4
Set event flag	Yes

Type	Wait
Name	
Description	My Wait Description
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:37:37.479
End of execution	2017-06-08 13:37:38.493
Wait time [ms]	1000

Type	GD Read diagnostic channel
Name	Check acknowledged event
Description	Reads data from the diagnostic channel and verify the previous notified event is acknowledged by the DUT. As result of the acknowledge the status code shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:37:38.556
End of execution	2017-06-08 13:37:38.743
Received StatusCode	0; 0; 0; 0; 0; 0
Expected StatusCode	0
Received EventCode 1	4096; 0; 0; 0; 0; 0
Expected EventCode 1	-1
Received QualifierCode 1	244; 0; 0; 0; 0; 0
Expected QualifierCode 1	-1
Received EventCode 2	0; 4096; 0; 0; 0; 0
Expected EventCode 2	-1
Received QualifierCode 2	0; 244; 0; 0; 0; 0
Expected QualifierCode 2	-1
Received EventCode 3	0; 0; 4096; 0; 0; 0

Expected EventCode 3	-1
Received QualifierCode 3	0; 0; 244; 0; 0; 0
Expected QualifierCode 3	-1
Received EventCode 4	0; 0; 0; 4096; 0; 0
Expected EventCode 4	-1
Received QualifierCode 4	0; 0; 0; 244; 0; 0
Expected QualifierCode 4	-1
Received EventCode 5	0; 0; 0; 0; 4096; 0
Expected EventCode 5	-1
Received QualifierCode 5	0; 0; 0; 0; 244; 0
Expected QualifierCode 5	-1
Received EventCode 6	0; 0; 0; 0; 0; 4096
Expected EventCode 6	-1
Received QualifierCode 6	0; 0; 0; 0; 0; 244
Expected QualifierCode 6	-1
Type	DUT Event Wait
Name	General malfunction
Description	Waits till the 'General malfunction' event from the GD via the DUT occurs or a timeout elapsed. A possible conversion into a system-specific code can take place. Qualifier: Instance = unknown; Type = Error; Mode = Single Shot.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:37:38.805
End of execution	2017-06-08 13:37:38.805
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	0x1000
Expected Event Qualifier	0xF4
Expected Error Code	-1
Expected alt. System Event	0x0009
Expected alt. System Event (raw data)	
Received DUT event	IOL Event: Port 1, Qualifier 0xF4, Code 0x1000; IOL Event: Port 1, Qualifier 0xF4, Code 0x1000; IOL Event: Port 1, Qualifier 0xF4, Code 0x1000; IOL Event: Port 1, Qualifier 0xF4, Code 0x1000; IOL Event: Port 1, Qualifier 0xF4, Code 0x1000; IOL Event: Port 1, Qualifier 0xF4, Code 0x1000
Type	GD Write diagnostic channel
Name	Event disapear
Description	Set the 'General malfunction' detail event for each event code separately. The test object triggers the GD to set the event flag.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:37:38.868
End of execution	2017-06-08 13:37:39.429
StatusCode	0x81; 0x82; 0x84; 0x88; 0x90; 0xA0
EventCode 1	0x1000; 0x0000; 0x0000; 0x0000; 0x0000; 0x0000
QualifierCode 1	0xB4; 0x00; 0x00; 0x00; 0x00; 0x00
EventCode 2	0x0000; 0x1000; 0x0000; 0x0000; 0x0000; 0x0000
QualifierCode 2	0x00; 0xB4; 0x00; 0x00; 0x00; 0x00
EventCode 3	0x0000; 0x0000; 0x1000; 0x0000; 0x0000; 0x0000
QualifierCode 3	0x00; 0x00; 0xB4; 0x00; 0x00; 0x00
EventCode 4	0x0000; 0x0000; 0x0000; 0x1000; 0x0000; 0x0000
QualifierCode 4	0x00; 0x00; 0x00; 0xB4; 0x00; 0x00
EventCode 5	0x0000; 0x0000; 0x0000; 0x0000; 0x1000; 0x0000
QualifierCode 5	0x00; 0x00; 0x00; 0x00; 0xB4; 0x00
EventCode 6	0x0000; 0x0000; 0x0000; 0x0000; 0x0000; 0x1000
QualifierCode 6	0x00; 0x00; 0x00; 0x00; 0x00; 0xB4
Set event flag	Yes
Type	Wait
Name	
Description	My Wait Description
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:37:39.492
End of execution	2017-06-08 13:37:40.506
Wait time [ms]	1000

Type	GD Read diagnostic channel
Name	Check acknowledged event
Description	Reads data from the diagnostic channel and verify the previous notified event is acknowledged by the DUT. As result of the acknowledge the status code shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:37:40.568
End of execution	2017-06-08 13:37:40.755
Received StatusCode	0; 0; 0; 0; 0; 0
Expected StatusCode	0
Received EventCode 1	4096; 0; 0; 0; 0; 0
Expected EventCode 1	-1
Received QualifierCode 1	180; 0; 0; 0; 0; 0
Expected QualifierCode 1	-1
Received EventCode 2	0; 4096; 0; 0; 0; 0
Expected EventCode 2	-1
Received QualifierCode 2	0; 180; 0; 0; 0; 0
Expected QualifierCode 2	-1
Received EventCode 3	0; 0; 4096; 0; 0; 0
Expected EventCode 3	-1
Received QualifierCode 3	0; 0; 180; 0; 0; 0
Expected QualifierCode 3	-1
Received EventCode 4	0; 0; 0; 4096; 0; 0
Expected EventCode 4	-1
Received QualifierCode 4	0; 0; 0; 180; 0; 0
Expected QualifierCode 4	-1
Received EventCode 5	0; 0; 0; 0; 4096; 0
Expected EventCode 5	-1
Received QualifierCode 5	0; 0; 0; 0; 180; 0
Expected QualifierCode 5	-1
Received EventCode 6	0; 0; 0; 0; 0; 4096
Expected EventCode 6	-1
Received QualifierCode 6	0; 0; 0; 0; 0; 180
Expected QualifierCode 6	-1

Type	Wait
Name	
Description	My Wait Description
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:37:40.818
End of execution	2017-06-08 13:37:41.832
Wait time [ms]	1000

Test Root : SDCI_TC_0269 (TCM_ALIC_EVNT_MULTIPLEEVENTSFROMBUFFER)

Type	Test Root
Name	SDCI_TC_0269 (TCM_ALIC_EVNT_MULTIPLEEVENTSFROMBUFFER)
Description	
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:37:41.894
End of execution	2017-06-08 13:38:28.289

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:37:41.957
End of execution	2017-06-08 13:37:54.187
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:37:42.222
End of execution	2017-06-08 13:37:43.688
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:37:43.751
End of execution	2017-06-08 13:37:44.297
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:37:44.359
End of execution	2017-06-08 13:37:44.546

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:37:44.609
End of execution	2017-06-08 13:37:44.609
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:37:44.671
End of execution	2017-06-08 13:37:44.671

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:37:44.733
End of execution	2017-06-08 13:37:53.859
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:37:53.922
End of execution	2017-06-08 13:37:54.187
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	Loop
Name	for all events
Description	Iterates over all child items
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:37:54.249
End of execution	2017-06-08 13:38:28.289
Count of loops	6
Current executed loop	6

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:38:22.797
End of execution	2017-06-08 13:38:22.797
Type	GD Write diagnostic channel
Name	Event with details
Description	Set the 'General malfunction' and 'Temperature' detail event. The test object triggers the GD to set the event flag.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:38:22.860
End of execution	2017-06-08 13:38:23.375
StatusCode	0xA1; 0x92; 0xAC; 0x8C; 0x92; 0xA1
EventCode 1	0x1000; 0x0000; 0x0000; 0x0000; 0x0000; 0x4000
QualifierCode 1	0xF4; 0x00; 0x00; 0x00; 0x00; 0xE4
EventCode 2	0x0000; 0x1000; 0x0000; 0x0000; 0x4000; 0x0000
QualifierCode 2	0x00; 0xF4; 0x00; 0x00; 0xE4; 0x00
EventCode 3	0x0000; 0x0000; 0x1000; 0x4000; 0x0000; 0x0000
QualifierCode 3	0x00; 0x00; 0xF4; 0xE4; 0x00; 0x00
EventCode 4	0x0000; 0x0000; 0x4000; 0x1000; 0x0000; 0x0000
QualifierCode 4	0x00; 0x00; 0xE4; 0xF4; 0x00; 0x00
EventCode 5	0x0000; 0x4000; 0x0000; 0x0000; 0x1000; 0x0000
QualifierCode 5	0x00; 0xE4; 0x00; 0x00; 0xF4; 0x00
EventCode 6	0x4000; 0x0000; 0x0000; 0x0000; 0x0000; 0x1000
QualifierCode 6	0xE4; 0x00; 0x00; 0x00; 0x00; 0xF4
Set event flag	Yes
Type	Wait
Name	
Description	My Wait Description
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:38:23.437
End of execution	2017-06-08 13:38:24.451
Wait time [ms]	1000
Type	GD Read diagnostic channel
Name	Check acknowledged event
Description	Reads data from the diagnostic channel and verify the previous notified event is acknowledged by the DUT. As result of the acknowledge the status code shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:38:24.513
End of execution	2017-06-08 13:38:24.701
Received StatusCode	0; 0; 0; 0; 0; 0
Expected StatusCode	0
Received EventCode 1	4096; 0; 0; 0; 0; 16384
Expected EventCode 1	-1
Received QualifierCode 1	244; 0; 0; 0; 0; 228
Expected QualifierCode 1	-1
Received EventCode 2	0; 4096; 0; 0; 16384; 0
Expected EventCode 2	-1
Received QualifierCode 2	0; 244; 0; 0; 228; 0
Expected QualifierCode 2	-1
Received EventCode 3	0; 0; 4096; 16384; 0; 0
Expected EventCode 3	-1
Received QualifierCode 3	0; 0; 244; 228; 0; 0
Expected QualifierCode 3	-1
Received EventCode 4	0; 0; 16384; 4096; 0; 0
Expected EventCode 4	-1
Received QualifierCode 4	0; 0; 228; 244; 0; 0

Expected QualifierCode 4	-1
Received EventCode 5	0; 16384; 0; 0; 4096; 0
Expected EventCode 5	-1
Received QualifierCode 5	0; 228; 0; 0; 244; 0
Expected QualifierCode 5	-1
Received EventCode 6	16384; 0; 0; 0; 0; 4096
Expected EventCode 6	-1
Received QualifierCode 6	228; 0; 0; 0; 0; 244
Expected QualifierCode 6	-1
Type	DUT Event Wait
Name	General malfunction
Description	Waits till the 'General malfunction' event from the GD via the DUT occurs or a timeout elapsed. A possible conversion into a system-specific code can take place. Qualifier: Instance = unknown; Type = Error; Mode = Single Shot.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:38:24.763
End of execution	2017-06-08 13:38:24.763
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	0x1000
Expected Event Qualifier	0xF4
Expected Error Code	-1
Expected alt. System Event	0x0009
Expected alt. System Event (raw data)	
Received DUT event	IOL Event: Port 1, Qualifier 0xF4, Code 0x1000; IOL Event: Port 1, Qualifier 0xF4, Code 0x1000; IOL Event: Port 1, Qualifier 0xF4, Code 0x1000; IOL Event: Port 1, Qualifier 0xF4, Code 0x1000; IOL Event: Port 1, Qualifier 0xF4, Code 0x1000; IOL Event: Port 1, Qualifier 0xF4, Code 0x1000
Type	DUT Event Wait
Name	Temperature
Description	Waits till the 'Temperature' event from the GD via the DUT occurs or a timeout elapsed. A possible conversion into a system-specific code can take place. Qualifier: Instance = unknown; Type = Warning; Mode = Single Shot.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:38:24.825
End of execution	2017-06-08 13:38:24.825
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	0x4000
Expected Event Qualifier	0xE4
Expected Error Code	-1
Expected alt. System Event	0x0009
Expected alt. System Event (raw data)	
Received DUT event	IOL Event: Port 1, Qualifier 0xE4, Code 0x4000; IOL Event: Port 1, Qualifier 0xE4, Code 0x4000; IOL Event: Port 1, Qualifier 0xE4, Code 0x4000; IOL Event: Port 1, Qualifier 0xE4, Code 0x4000; IOL Event: Port 1, Qualifier 0xE4, Code 0x4000; IOL Event: Port 1, Qualifier 0xE4, Code 0x4000
Type	GD Read diagnostic channel
Name	Check acknowledged event
Description	Reads data from the diagnostic channel and verify the previous notified event is acknowledged by the DUT. As result of the acknowledge the status code shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:38:24.888
End of execution	2017-06-08 13:38:25.200

Received StatusCode	0; 0; 0; 0; 0; 0
Expected StatusCode	0
Received EventCode 1	4096; 0; 0; 0; 0; 16384
Expected EventCode 1	-1
Received QualifierCode 1	244; 0; 0; 0; 0; 228
Expected QualifierCode 1	-1
Received EventCode 2	0; 4096; 0; 0; 16384; 0
Expected EventCode 2	-1
Received QualifierCode 2	0; 244; 0; 0; 228; 0
Expected QualifierCode 2	-1
Received EventCode 3	0; 0; 4096; 16384; 0; 0
Expected EventCode 3	-1
Received QualifierCode 3	0; 0; 244; 228; 0; 0
Expected QualifierCode 3	-1
Received EventCode 4	0; 0; 16384; 4096; 0; 0
Expected EventCode 4	-1
Received QualifierCode 4	0; 0; 228; 244; 0; 0
Expected QualifierCode 4	-1
Received EventCode 5	0; 16384; 0; 0; 4096; 0
Expected EventCode 5	-1
Received QualifierCode 5	0; 228; 0; 0; 244; 0
Expected QualifierCode 5	-1
Received EventCode 6	16384; 0; 0; 0; 0; 4096
Expected EventCode 6	-1
Received QualifierCode 6	228; 0; 0; 0; 0; 244
Expected QualifierCode 6	-1
Type	GD Write diagnostic channel
Name	Event disapear
Description	Set the 'General malfunction' detail event for each event code separately. The test object triggers the GD to set the event flag.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:38:25.262
End of execution	2017-06-08 13:38:25.886
StatusCode	0xA1; 0x92; 0xAC; 0x8C; 0x92; 0xA1
EventCode 1	0x1000; 0x0000; 0x0000; 0x0000; 0x0000; 0x4000
QualifierCode 1	0xB4; 0x00; 0x00; 0x00; 0x00; 0xA4
EventCode 2	0x0000; 0x1000; 0x0000; 0x0000; 0x4000; 0x0000
QualifierCode 2	0x00; 0xB4; 0x00; 0x00; 0xA4; 0x00
EventCode 3	0x0000; 0x0000; 0x1000; 0x4000; 0x0000; 0x0000
QualifierCode 3	0x00; 0x00; 0xB4; 0xA4; 0x00; 0x00
EventCode 4	0x0000; 0x0000; 0x4000; 0x1000; 0x0000; 0x0000
QualifierCode 4	0x00; 0x00; 0xA4; 0xB4; 0x00; 0x00
EventCode 5	0x0000; 0x4000; 0x0000; 0x0000; 0x1000; 0x0000
QualifierCode 5	0x00; 0xA4; 0x00; 0x00; 0xB4; 0x00
EventCode 6	0x4000; 0x0000; 0x0000; 0x0000; 0x0000; 0x1000
QualifierCode 6	0xA4; 0x00; 0x00; 0x00; 0x00; 0xB4
Set event flag	Yes
Type	Wait
Name	
Description	My Wait Description
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:38:25.949
End of execution	2017-06-08 13:38:26.963
Wait time [ms]	1000
Type	GD Read diagnostic channel
Name	Check acknowledged event
Description	Reads data from the diagnostic channel and verify the previous notified event is acknowledged by the DUT. As result of the acknowledge the status code shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No

Comment	
Start of execution	2017-06-08 13:38:27.025
End of execution	2017-06-08 13:38:27.212
Received StatusCode	0; 0; 0; 0; 0; 0
Expected StatusCode	0
Received EventCode 1	4096; 0; 0; 0; 0; 16384
Expected EventCode 1	-1
Received QualifierCode 1	180; 0; 0; 0; 0; 164
Expected QualifierCode 1	-1
Received EventCode 2	0; 4096; 0; 0; 16384; 0
Expected EventCode 2	-1
Received QualifierCode 2	0; 180; 0; 0; 164; 0
Expected QualifierCode 2	-1
Received EventCode 3	0; 0; 4096; 16384; 0; 0
Expected EventCode 3	-1
Received QualifierCode 3	0; 0; 180; 164; 0; 0
Expected QualifierCode 3	-1
Received EventCode 4	0; 0; 16384; 4096; 0; 0
Expected EventCode 4	-1
Received QualifierCode 4	0; 0; 164; 180; 0; 0
Expected QualifierCode 4	-1
Received EventCode 5	0; 16384; 0; 0; 4096; 0
Expected EventCode 5	-1
Received QualifierCode 5	0; 164; 0; 0; 180; 0
Expected QualifierCode 5	-1
Received EventCode 6	16384; 0; 0; 0; 0; 4096
Expected EventCode 6	-1
Received QualifierCode 6	164; 0; 0; 0; 0; 180
Expected QualifierCode 6	-1

Type	Wait
Name	
Description	My Wait Description
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:38:27.275
End of execution	2017-06-08 13:38:28.289
Wait time [ms]	1000

Test Root : SDCI_TC_0270 (TCM_ALIC_STOR_PREOPUPLOADREQ)

Type	Test Root
Name	SDCI_TC_0270 (TCM_ALIC_STOR_PREOPUPLOADREQ)
Description	Data Storage upload upon request in PREOPERATE mode. The Master is configured to support the entire Data Storage mechanism comprising directions upload and download. The Data Storage mechanism is tested in PREOP-ERATE mode.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:03.893
End of execution	2017-06-08 13:23:36.139

Type	SubFunction Reference
Name	Clear DS
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:03.956
End of execution	2017-06-08 13:23:21.443
Function	Clear DataStorage

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:04.268
End of execution	2017-06-08 13:23:06.779
GD state	GDStandardState

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:06.842
End of execution	2017-06-08 13:23:08.511

Type	DUT Configuration
Name	Clear data storage
Description	Configures the DUT with the predefined default configuration set without DS enabled and with different VID/DID. To be sure that parameter server is cleared.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:08.573
End of execution	2017-06-08 13:23:08.573
Configuration set	default_Sensor_Aktor_VID_DID

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:08.636
End of execution	2017-06-08 13:23:08.636

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:08.698
End of execution	2017-06-08 13:23:09.385
Type	DUT Configuration
Name	Data storage
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte, Data storage active).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:09.447
End of execution	2017-06-08 13:23:09.447
Configuration set	default_DataStorage
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:09.509
End of execution	2017-06-08 13:23:09.509
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:23:09.572
End of execution	2017-06-08 13:23:18.698
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:18.760
End of execution	2017-06-08 13:23:19.103
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:19.166
End of execution	2017-06-08 13:23:21.194

Port ID	-1
Port Status	Fallback

Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in NO COM state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:21.256
End of execution	2017-06-08 13:23:21.443
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:21.506
End of execution	2017-06-08 13:23:22.910
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:22.972
End of execution	2017-06-08 13:23:23.518
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_1_V_8REQ

Type	GD Prepare state
Name	Monitor
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:23.581
End of execution	2017-06-08 13:23:23.815
GD state	GDMonitorMode

Type	GD ISDU Write
Name	Set DS_UPLOAD_FLAG

Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:23.830
End of execution	2017-06-08 13:23:24.127
Response service	0
Index	3
Subindex	2
Data	0x80
Type	GD Prepare state
Name	Monitor ISDU
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:24.189
End of execution	2017-06-08 13:23:24.423
GD state	GDMonitorSPDUMode
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:24.439
End of execution	2017-06-08 13:23:33.565
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:33.627
End of execution	2017-06-08 13:23:33.908
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Monitor stop
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:33.970
End of execution	2017-06-08 13:23:34.142
GD state	GDMonitorModeStop
Type	Check Monitor frame
Name	DevicePreoperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:23:34.204
End of execution	2017-06-08 13:23:34.220
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x9A
Expected data	0x9A
Minimum received frames	1
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read DS State_Property
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:34.282
End of execution	2017-06-08 13:23:34.282
Timeout [ms]	0
Service	ReadResponse_ok
Index	3
Subindex	2
Data received	0x80
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read DS Size
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:34.345
End of execution	2017-06-08 13:23:34.345
Timeout [ms]	0
Service	ReadResponse_ok
Index	3
Subindex	3
Data received	0x00,0x00,0x00,0x10
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	SubFunction Reference
Name	Check DS upload sequence
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:34.407
End of execution	2017-06-08 13:23:34.969
Function	Check DS upload sequence

Type	Check Monitor ISDU
Name	DS_UploadStart
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:34.657
End of execution	2017-06-08 13:23:34.657
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x01
Expected data	0x01
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read 0x123 / 0
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:34.719
End of execution	2017-06-08 13:23:34.719
Timeout [ms]	0
Service	ReadResponse_ok
Index	291
Subindex	0
Data received	0x12,0x34
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read 0x124 / 1
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	

Start of execution	2017-06-08 13:23:34.782
End of execution	2017-06-08 13:23:34.782
Timeout [ms]	0
Service	ReadResponse_ok
Index	292
Subindex	1
Data received	0x55
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read 0x124 / 2
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:34.844
End of execution	2017-06-08 13:23:34.844
Timeout [ms]	0
Service	ReadResponse_ok
Index	292
Subindex	2
Data received	0xAA
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read CS
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:34.906
End of execution	2017-06-08 13:23:34.906
Timeout [ms]	0
Service	ReadResponse_ok
Index	3
Subindex	4
Data received	0xAA,0x55,0x34,0x12
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	DS_UploadStop
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:34.969
End of execution	2017-06-08 13:23:34.969
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x02
Expected data	0x02
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor frame
Name	DeviceOperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:35.031
End of execution	2017-06-08 13:23:35.047
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType1_V
Data received	0x99,0x00,0x00,0x00,0x00,0x00,0x00,0x00
Expected data	0x99,0x00,0x00,0x00,0x00,0x00,0x00,0x00
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	no DS_UploadStop in operate
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:35.109
End of execution	2017-06-08 13:23:36.139
Timeout [ms]	1000
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	
Expected data	0x02
Empty data expected	No
Count of received services	0
Minimum received services	0
Maximum received services	0
Expected position (latest)	-1

Clear receive queue	No
Clear receive queue up to found item	No

Test Root : SDCI_TC_0271 (TCM_ALIC_STOR_OPERUPLOADREQ)

Type	Test Root
Name	SDCI_TC_0271 (TCM_ALIC_STOR_OPERUPLOADREQ)
Description	Data Storage upload upon request in OPERATE mode. The Master is configured to support the entire Data Storage mechanism comprising directions upload and download. The Data Storage mechanism is tested in OPERATE mode.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:36.201
End of execution	2017-06-08 13:24:10.318

Type	SubFunction Reference
Name	Clear DS
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:36.264
End of execution	2017-06-08 13:23:51.146
Function	Clear DataStorage

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:36.591
End of execution	2017-06-08 13:23:38.104
GD state	GDStandardState

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:38.167
End of execution	2017-06-08 13:23:38.245

Type	DUT Configuration
Name	Clear data storage
Description	Configures the DUT with the predefined default configuration set without DS enabled and with different VID/DID. To be sure that parameter server is cleared.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:38.307
End of execution	2017-06-08 13:23:38.307
Configuration set	default_Sensor_Aktor_VID_DID

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:38.370
End of execution	2017-06-08 13:23:38.370

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:38.432
End of execution	2017-06-08 13:23:39.118
Type	DUT Configuration
Name	Data storage
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte, Data storage active).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:39.181
End of execution	2017-06-08 13:23:39.181
Configuration set	default_DataStorage
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:39.243
End of execution	2017-06-08 13:23:39.243
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:23:39.306
End of execution	2017-06-08 13:23:48.432
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:48.494
End of execution	2017-06-08 13:23:48.806
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:48.868
End of execution	2017-06-08 13:23:50.896

Port ID	-1
Port Status	Fallback

Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in NO COM state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:50.959
End of execution	2017-06-08 13:23:51.146
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:51.208
End of execution	2017-06-08 13:23:52.612
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:52.675
End of execution	2017-06-08 13:23:53.221
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_1_V_8REQ

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:23:53.283
End of execution	2017-06-08 13:24:02.409
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status

Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:02.472
End of execution	2017-06-08 13:24:02.706
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Monitor
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:02.768
End of execution	2017-06-08 13:24:02.940
GD state	GDMonitorMode

Type	GD Prepare state
Name	Monitor ISDU
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:03.002
End of execution	2017-06-08 13:24:03.236
GD state	GDMonitorSPDUMode

Type	GD ISDU Write
Name	Set DS_UPLOAD_FLAG
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:03.298
End of execution	2017-06-08 13:24:03.532
Response service	0
Index	3
Subindex	2
Data	0x80

Type	GD Write diagnostic channel
Name	DS_UPLOAD_REQUEST
Description	Generates the Event DS_UPLOAD_REQUEST 0xFF91 -> 65425 App, SingleShot, Notification (0x54 -> 84)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:03.595
End of execution	2017-06-08 13:24:04.047
StatusCode	0x81
EventCode 1	0xFF91
QualifierCode 1	0x54
EventCode 2	-1
QualifierCode 2	-1
EventCode 3	-1
QualifierCode 3	-1

EventCode 4	-1
QualifierCode 4	-1
EventCode 5	-1
QualifierCode 5	-1
EventCode 6	-1
QualifierCode 6	-1
Set event flag	Yes

Type	Check Monitor ISDU
Name	Read DS State_Property
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:04.110
End of execution	2017-06-08 13:24:09.180
Timeout [ms]	5000
Service	ReadResponse_ok
Index	3
Subindex	2
Data received	0x80
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read DS Size
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:09.242
End of execution	2017-06-08 13:24:09.242
Timeout [ms]	0
Service	ReadResponse_ok
Index	3
Subindex	3
Data received	0x00,0x00,0x00,0x10
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	SubFunction Reference
Name	Check DS upload sequence
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:09.304
End of execution	2017-06-08 13:24:09.850
Function	Check DS upload sequence

Type	Check Monitor ISDU
Name	DS_UploadStart
Description	Checks the communicated ISDU services between DUT and GD.

	A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:09.538
End of execution	2017-06-08 13:24:09.538
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x01
Expected data	0x01
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read 0x123 / 0
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:09.601
End of execution	2017-06-08 13:24:09.601
Timeout [ms]	0
Service	ReadResponse_ok
Index	291
Subindex	0
Data received	0x12,0x34
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read 0x124 / 1
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:09.663
End of execution	2017-06-08 13:24:09.663
Timeout [ms]	0
Service	ReadResponse_ok
Index	292
Subindex	1
Data received	0x55
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No

Clear receive queue up to found item	No
Type	Check Monitor ISDU
Name	Read 0x124 / 2
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:09.726
End of execution	2017-06-08 13:24:09.726
Timeout [ms]	0
Service	ReadResponse_ok
Index	292
Subindex	2
Data received	0xAA
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Type	Check Monitor ISDU
Name	Read CS
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:09.788
End of execution	2017-06-08 13:24:09.788
Timeout [ms]	0
Service	ReadResponse_ok
Index	3
Subindex	4
Data received	0xAA,0x55,0x34,0x12
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Type	Check Monitor ISDU
Name	DS_UploadStop
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:09.850
End of execution	2017-06-08 13:24:09.850
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x02
Expected data	0x02
Empty data expected	No
Count of received services	1

Minimum received services	1
Maximum received services	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	GD Read diagnostic channel
Name	Check acknowledged event
Description	Reads data from the diagnostic channel and verify the previous notified event is acknowledged by the DUT. As result of the acknowledge the status code shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:09.913
End of execution	2017-06-08 13:24:10.022
Received StatusCode	0
Expected StatusCode	0
Received EventCode 1	65425
Expected EventCode 1	-1
Received QualifierCode 1	84
Expected QualifierCode 1	-1
Received EventCode 2	0
Expected EventCode 2	-1
Received QualifierCode 2	0
Expected QualifierCode 2	-1
Received EventCode 3	0
Expected EventCode 3	-1
Received QualifierCode 3	0
Expected QualifierCode 3	-1
Received EventCode 4	0
Expected EventCode 4	-1
Received QualifierCode 4	0
Expected QualifierCode 4	-1
Received EventCode 5	0
Expected EventCode 5	-1
Received QualifierCode 5	0
Expected QualifierCode 5	-1
Received EventCode 6	0
Expected EventCode 6	-1
Received QualifierCode 6	0
Expected QualifierCode 6	-1

Type	GD Prepare state
Name	Monitor stop
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:10.084
End of execution	2017-06-08 13:24:10.318
GD state	GDMonitorModeStop

Test Root : SDCI_TC_0272 (TCM_ALIC_STOR_PARAMMISMATCH)

Type	Test Root
Name	SDCI_TC_0272 (TCM_ALIC_STOR_PARAMMISMATCH)
Description	Data Storage download upon mismatch of parameter sets (Device replacement). The Master is configured to support the entire Data Storage mechanism comprising directions upload and download. The Master behaviour in case of a Device replacement ("hot swap") is tested.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:10.381
End of execution	2017-06-08 13:24:54.482

Type	SubFunction Reference
Name	Clear DS
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:10.443
End of execution	2017-06-08 13:24:25.294
Function	Clear DataStorage

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:10.771
End of execution	2017-06-08 13:24:12.253
GD state	GDStandardState

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:12.315
End of execution	2017-06-08 13:24:12.456

Type	DUT Configuration
Name	Clear data storage
Description	Configures the DUT with the predefined default configuration set without DS enabled and with different VID/DID. To be sure that parameter server is cleared.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:12.518
End of execution	2017-06-08 13:24:12.518
Configuration set	default_Sensor_Aktor_VID_DID

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:12.580
End of execution	2017-06-08 13:24:12.580

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:12.643
End of execution	2017-06-08 13:24:13.329
Type	DUT Configuration
Name	Data storage
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte, Data storage active).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:13.392
End of execution	2017-06-08 13:24:13.392
Configuration set	default_DataStorage
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:13.454
End of execution	2017-06-08 13:24:13.454
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:24:13.516
End of execution	2017-06-08 13:24:22.642
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:22.705
End of execution	2017-06-08 13:24:22.954
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:23.017
End of execution	2017-06-08 13:24:25.045

Port ID	-1
Port Status	Fallback

Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in NO COM state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:25.107
End of execution	2017-06-08 13:24:25.294
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:25.357
End of execution	2017-06-08 13:24:26.761
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:26.823
End of execution	2017-06-08 13:24:27.369
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_1_V_8REQ

Type	GD ISDU Write
Name	Set DS_UPLOAD_FLAG
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:27.432
End of execution	2017-06-08 13:24:27.666
Response service	0
Index	3
Subindex	2

Data	0x80
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:27.681
End of execution	2017-06-08 13:24:36.807
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:36.870
End of execution	2017-06-08 13:24:37.150
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:37.213
End of execution	2017-06-08 13:24:40.255
Port ID	-1
Port Status	Fallback
Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in NO COM state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:40.317
End of execution	2017-06-08 13:24:40.504
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD ISDU Write
Name	Clear DS_UPLOAD_FLAG
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:40.567
End of execution	2017-06-08 13:24:40.754
Response service	0
Index	3

Subindex	2
Data	0x00

Type	SubFunction Reference
Name	Prepare DS Set2
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:40.816
End of execution	2017-06-08 13:24:42.174
Function	Prepare DS Set2

Type	GD ISDU Write
Name	0x123 / 0
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:41.019
End of execution	2017-06-08 13:24:41.253
Response service	0
Index	291
Subindex	0
Data	0xC3,0x50

Type	GD ISDU Write
Name	0x124 / 1
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:41.269
End of execution	2017-06-08 13:24:41.565
Response service	0
Index	292
Subindex	1
Data	0x7F

Type	GD ISDU Write
Name	0x124 / 2
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:41.628
End of execution	2017-06-08 13:24:41.862
Response service	0
Index	292
Subindex	2
Data	0x80

Type	GD ISDU Write
Name	DS CS
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:41.924
End of execution	2017-06-08 13:24:42.174
Response service	0
Index	3
Subindex	4
Data	0xC3,0x50,0x7F,0x80

Type	GD Prepare state
Name	Monitor ISDU

Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:42.236
End of execution	2017-06-08 13:24:42.470
GD state	GDMonitorSPDUMode
Type	GD Prepare state
Name	Monitor
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:42.532
End of execution	2017-06-08 13:24:42.782
GD state	GDMonitorMode
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:42.844
End of execution	2017-06-08 13:24:51.970
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:52.033
End of execution	2017-06-08 13:24:52.267
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Monitor stop
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:52.329
End of execution	2017-06-08 13:24:52.501
GD state	GDMonitorModeStop
Type	Check Monitor frame
Name	DevicePreoperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:52.563

End of execution	2017-06-08 13:24:52.579
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x9A
Expected data	0x9A
Minimum received frames	1
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read DS CS
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:52.641
End of execution	2017-06-08 13:24:52.641
Timeout [ms]	0
Service	ReadResponse_ok
Index	3
Subindex	4
Data received	0xC3,0x50,0x7F,0x80
Expected data	
Empty data expected	No
Count of received services	2
Minimum received services	1
Maximum received services	2
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	SubFunction Reference
Name	Check DS download sequence
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:52.704
End of execution	2017-06-08 13:24:53.328
Function	Check DS download sequence

Type	Check Monitor ISDU
Name	DS_DownloadStart
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:52.953
End of execution	2017-06-08 13:24:52.953
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x03

Expected data	0x03
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Write 0x123 / 0
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:53.016
End of execution	2017-06-08 13:24:53.016
Timeout [ms]	0
Service	WriteResponse_ok
Index	291
Subindex	0
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Write 0x124 / 1
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:53.078
End of execution	2017-06-08 13:24:53.078
Timeout [ms]	0
Service	WriteResponse_ok
Index	292
Subindex	1
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Write 0x124 / 2
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:53.140
End of execution	2017-06-08 13:24:53.140
Timeout [ms]	0

Service	WriteResponse_ok
Index	292
Subindex	2
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	DS_DownloadStop
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:53.203
End of execution	2017-06-08 13:24:53.203
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x04
Expected data	0x04
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	DS_DownloadStop Response
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:53.265
End of execution	2017-06-08 13:24:53.265
Timeout [ms]	0
Service	WriteResponse_ok
Index	3
Subindex	1
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read CS
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No

Comment	
Start of execution	2017-06-08 13:24:53.328
End of execution	2017-06-08 13:24:53.328
Timeout [ms]	0
Service	ReadRequest_8i_sub
Index	3
Subindex	4
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor frame
Name	DeviceOperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:53.390
End of execution	2017-06-08 13:24:53.406
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType1_V
Data received	0x99,0x00,0x00,0x00,0x00,0x00,0x00,0x00
Expected data	0x99,0x00,0x00,0x00,0x00,0x00,0x00,0x00
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	no DS_DownloadStop in operate
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:53.468
End of execution	2017-06-08 13:24:54.482
Timeout [ms]	1000
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	
Expected data	0x04
Empty data expected	No
Count of received services	0
Minimum received services	0
Maximum received services	0
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Test Root : SDCI_TC_0273 (TCM_ALIC_STOR_PROPDLDDESPITEULDREQ)

Type	Test Root
Name	SDCI_TC_0273 (TCM_ALIC_STOR_PROPDLDDESPITEULDREQ)
Description	DS-Download in PREOPERATE mode despite DS_UPLOAD_REQ Event from Device. The Master is configured to support the Data Storage mechanism for download only. Master behaviour in case of a DS_UPLOAD_REQ of the Device is tested. The Mas-ter shall overwrite the parameter set of a Device in case of a DS_UPLOAD_REQ in PREOPERATE mode.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:54.544
End of execution	2017-06-08 13:25:39.285

Type	SubFunction Reference
Name	Clear DS
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:54.607
End of execution	2017-06-08 13:25:09.708
Function	Clear DataStorage

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:54.934
End of execution	2017-06-08 13:24:56.463
GD state	GDStandardState

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:56.526
End of execution	2017-06-08 13:24:56.635

Type	DUT Configuration
Name	Clear data storage
Description	Configures the DUT with the predefined default configuration set without DS enabled and with different VID/DID. To be sure that parameter server is cleared.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:56.697
End of execution	2017-06-08 13:24:56.697
Configuration set	default_Sensor_Aktor_VID_DID

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:56.760

End of execution	2017-06-08 13:24:56.760
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:56.822
End of execution	2017-06-08 13:24:57.508
Type	DUT Configuration
Name	Data storage
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte, Data storage active).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:57.571
End of execution	2017-06-08 13:24:57.571
Configuration set	default_DataStorage
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:24:57.633
End of execution	2017-06-08 13:24:57.633
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:24:57.696
End of execution	2017-06-08 13:25:06.822
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:06.884
End of execution	2017-06-08 13:25:07.180
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:07.243

End of execution	2017-06-08 13:25:09.271
Port ID	-1
Port Status	Fallback

Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in NO COM state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:09.333
End of execution	2017-06-08 13:25:09.692
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:09.770
End of execution	2017-06-08 13:25:11.158
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:11.221
End of execution	2017-06-08 13:25:11.767
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_1_V_8REQ

Type	GD ISDU Write
Name	Set DS_UPLOAD_FLAG
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:11.829
End of execution	2017-06-08 13:25:12.063
Response service	0
Index	3

Subindex	2
Data	0x80
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:12.079
End of execution	2017-06-08 13:25:21.205
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:21.267
End of execution	2017-06-08 13:25:21.548
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:21.610
End of execution	2017-06-08 13:25:24.653
Port ID	-1
Port Status	Fallback
Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in NO COM state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:24.715
End of execution	2017-06-08 13:25:24.887
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD ISDU Write
Name	Clear DS_UPLOAD_FLAG
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:24.949
End of execution	2017-06-08 13:25:25.136
Response service	0

Index	3
Subindex	2
Data	0x00

Type	SubFunction Reference
Name	Prepare DS Set2
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:25.199
End of execution	2017-06-08 13:25:26.571
Function	Prepare DS Set2

Type	GD ISDU Write
Name	0x123 / 0
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:25.370
End of execution	2017-06-08 13:25:25.651
Response service	0
Index	291
Subindex	0
Data	0xC3,0x50

Type	GD ISDU Write
Name	0x124 / 1
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:25.713
End of execution	2017-06-08 13:25:25.963
Response service	0
Index	292
Subindex	1
Data	0x7F

Type	GD ISDU Write
Name	0x124 / 2
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:26.025
End of execution	2017-06-08 13:25:26.275
Response service	0
Index	292
Subindex	2
Data	0x80

Type	GD ISDU Write
Name	DS CS
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:26.337
End of execution	2017-06-08 13:25:26.571
Response service	0
Index	3
Subindex	4
Data	0xC3,0x50,0x7F,0x80

Type	GD Prepare state

Name	Monitor ISDU
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:26.634
End of execution	2017-06-08 13:25:26.883
GD state	GDMonitorSPDUMode
Type	GD Prepare state
Name	Monitor
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:26.946
End of execution	2017-06-08 13:25:27.180
GD state	GDMonitorMode
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:27.242
End of execution	2017-06-08 13:25:27.367
Type	DUT Configuration
Name	Data storage Download only
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte, Data storage active).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:27.429
End of execution	2017-06-08 13:25:27.429
Configuration set	default_DataStorage_DL
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:27.492
End of execution	2017-06-08 13:25:27.492
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:25:27.554
End of execution	2017-06-08 13:25:36.680
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:25:36.743
End of execution	2017-06-08 13:25:37.070
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Monitor stop
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:37.133
End of execution	2017-06-08 13:25:37.304
GD state	GDMonitorModeStop

Type	Check Monitor frame
Name	DevicePreoperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:37.367
End of execution	2017-06-08 13:25:37.382
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x9A
Expected data	0x9A
Minimum received frames	1
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read DS CS
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:37.445
End of execution	2017-06-08 13:25:37.445
Timeout [ms]	0
Service	ReadResponse_ok
Index	3
Subindex	4
Data received	0xC3,0x50,0x7F,0x80
Expected data	
Empty data expected	No
Count of received services	2

Minimum received services	1
Maximum received services	2
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	SubFunction Reference
Name	Check DS download sequence
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:37.507
End of execution	2017-06-08 13:25:38.131
Function	Check DS download sequence

Type	Check Monitor ISDU
Name	DS_DownloadStart
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:37.757
End of execution	2017-06-08 13:25:37.757
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x03
Expected data	0x03
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Write 0x123 / 0
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:37.819
End of execution	2017-06-08 13:25:37.819
Timeout [ms]	0
Service	WriteResponse_ok
Index	291
Subindex	0
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Write 0x124 / 1
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:37.881
End of execution	2017-06-08 13:25:37.881
Timeout [ms]	0
Service	WriteResponse_ok
Index	292
Subindex	1
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Write 0x124 / 2
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:37.944
End of execution	2017-06-08 13:25:37.944
Timeout [ms]	0
Service	WriteResponse_ok
Index	292
Subindex	2
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	DS_DownloadStop
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:38.006
End of execution	2017-06-08 13:25:38.006
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x04
Expected data	0x04
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU

Name	DS_DownloadStop Response
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:38.069
End of execution	2017-06-08 13:25:38.069
Timeout [ms]	0
Service	WriteResponse_ok
Index	3
Subindex	1
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read CS
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:38.131
End of execution	2017-06-08 13:25:38.131
Timeout [ms]	0
Service	ReadRequest_8i_sub
Index	3
Subindex	4
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor frame
Name	DeviceOperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:38.193
End of execution	2017-06-08 13:25:38.209
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType1_V
Data received	0x99,0x00,0x00,0x00,0x00,0x00,0x00,0x00
Expected data	0x99,0x00,0x00,0x00,0x00,0x00,0x00,0x00
Minimum received frames	1

Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	no DS_DownloadStop in operate
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:38.271
End of execution	2017-06-08 13:25:39.285
Timeout [ms]	1000
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	
Expected data	0x04
Empty data expected	No
Count of received services	0
Minimum received services	0
Maximum received services	0
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Test Root : SDCI_TC_0274 (TCM_ALIC_STOR_OPERDLDDESPITEULDREQ)

Type	Test Root
Name	SDCI_TC_0274 (TCM_ALIC_STOR_OPERDLDDESPITEULDREQ)
Description	Data Storage download despite DS_UPLOAD_REQ from Device (OPERATE). The Master is configured to support the Data Storage mechanism for download only. Master behaviour in case of a DS_UPLOAD_REQ of the Device is tested. The Master shall overwrite the parameter set of a Device in case of a DS_UPLOAD_REQ in OPERATE mode.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:39.348
End of execution	2017-06-08 13:26:26.616

Type	SubFunction Reference
Name	Clear DS
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:39.410
End of execution	2017-06-08 13:25:54.308
Function	Clear DataStorage

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:39.738
End of execution	2017-06-08 13:25:41.267
GD state	GDStandardState

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:41.329
End of execution	2017-06-08 13:25:41.469

Type	DUT Configuration
Name	Clear data storage
Description	Configures the DUT with the predefined default configuration set without DS enabled and with different VID/DID. To be sure that parameter server is cleared.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:41.532
End of execution	2017-06-08 13:25:41.532
Configuration set	default_Sensor_Aktor_VID_DID

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:41.594

End of execution	2017-06-08 13:25:41.594
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:41.657
End of execution	2017-06-08 13:25:42.343
Type	DUT Configuration
Name	Data storage
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte, Data storage active).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:42.405
End of execution	2017-06-08 13:25:42.405
Configuration set	default_DataStorage
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:42.468
End of execution	2017-06-08 13:25:42.468
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:25:42.530
End of execution	2017-06-08 13:25:51.656
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:51.719
End of execution	2017-06-08 13:25:51.968
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:52.031

End of execution	2017-06-08 13:25:54.059
Port ID	-1
Port Status	Fallback

Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in NO COM state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:54.121
End of execution	2017-06-08 13:25:54.308
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:54.371
End of execution	2017-06-08 13:25:55.775
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:55.837
End of execution	2017-06-08 13:25:56.383
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_1_V_8REQ

Type	GD ISDU Write
Name	Set DS_UPLOAD_FLAG
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:56.445
End of execution	2017-06-08 13:25:56.679
Response service	0
Index	3

Subindex	2
Data	0x80
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:25:56.695
End of execution	2017-06-08 13:26:05.821
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:05.883
End of execution	2017-06-08 13:26:06.164
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:06.227
End of execution	2017-06-08 13:26:09.269
Port ID	-1
Port Status	Fallback
Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in NO COM state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:09.331
End of execution	2017-06-08 13:26:09.518
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD ISDU Write
Name	Clear DS_UPLOAD_FLAG
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:09.581
End of execution	2017-06-08 13:26:09.768
Response service	0

Index	3
Subindex	2
Data	0x00
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:09.830
End of execution	2017-06-08 13:26:09.955
Type	DUT Configuration
Name	Data storage Download only
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte, Data storage active).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:10.017
End of execution	2017-06-08 13:26:10.017
Configuration set	default_DataStorage_DL
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:10.080
End of execution	2017-06-08 13:26:10.080
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:26:10.142
End of execution	2017-06-08 13:26:19.268
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:19.331
End of execution	2017-06-08 13:26:19.658
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Monitor
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No

Comment	
Start of execution	2017-06-08 13:26:19.721
End of execution	2017-06-08 13:26:19.892
GD state	GDMonitorMode

Type	GD Prepare state
Name	Monitor ISDU
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:19.955
End of execution	2017-06-08 13:26:20.189
GD state	GDMonitorSPDUMode

Type	SubFunction Reference
Name	Prepare DS Set2
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:20.251
End of execution	2017-06-08 13:26:21.577
Function	Prepare DS Set2

Type	GD ISDU Write
Name	0x123 / 0
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:20.501
End of execution	2017-06-08 13:26:20.688
Response service	0
Index	291
Subindex	0
Data	0xC3,0x50

Type	GD ISDU Write
Name	0x124 / 1
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:20.750
End of execution	2017-06-08 13:26:20.984
Response service	0
Index	292
Subindex	1
Data	0x7F

Type	GD ISDU Write
Name	0x124 / 2
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:21.047
End of execution	2017-06-08 13:26:21.281
Response service	0
Index	292
Subindex	2
Data	0x80

Type	GD ISDU Write
Name	DS CS
Description	Executes a ISDU Write Service via the GD

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:21.296
End of execution	2017-06-08 13:26:21.577
Response service	0
Index	3
Subindex	4
Data	0xC3,0x50,0x7F,0x80

Type	GD Write diagnostic channel
Name	DS_UPLOAD_REQUEST
Description	Generates the Event DS_UPLOAD_REQUEST 0xFF91 -> 65425 App, SingleShot, Notification (0x54 -> 84)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:21.639
End of execution	2017-06-08 13:26:22.092
StatusCode	0x81
EventCode 1	0xFF91
QualifierCode 1	0x54
EventCode 2	-1
QualifierCode 2	-1
EventCode 3	-1
QualifierCode 3	-1
EventCode 4	-1
QualifierCode 4	-1
EventCode 5	-1
QualifierCode 5	-1
EventCode 6	-1
QualifierCode 6	-1
Set event flag	Yes

Type	Check Monitor ISDU
Name	Read DS CS
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:22.154
End of execution	2017-06-08 13:26:24.182
Timeout [ms]	2000
Service	ReadResponse_ok
Index	3
Subindex	4
Data received	0xC3,0x50,0x7F,0x80
Expected data	
Empty data expected	No
Count of received services	2
Minimum received services	1
Maximum received services	2
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	SubFunction Reference
Name	Check DS download sequence
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:24.245

End of execution	2017-06-08 13:26:24.884
Function	Check DS download sequence

Type	Check Monitor ISDU
Name	DS_DownloadStart
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:24.510
End of execution	2017-06-08 13:26:24.510
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x03
Expected data	0x03
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Write 0x123 / 0
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:24.572
End of execution	2017-06-08 13:26:24.572
Timeout [ms]	0
Service	WriteResponse_ok
Index	291
Subindex	0
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Write 0x124 / 1
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:24.635
End of execution	2017-06-08 13:26:24.635
Timeout [ms]	0
Service	WriteResponse_ok
Index	292
Subindex	1
Data received	
Expected data	
Empty data expected	No

Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Write 0x124 / 2
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:24.697
End of execution	2017-06-08 13:26:24.697
Timeout [ms]	0
Service	WriteResponse_ok
Index	292
Subindex	2
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	DS_DownloadStop
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:24.759
End of execution	2017-06-08 13:26:24.759
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x04
Expected data	0x04
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	DS_DownloadStop Response
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:24.822
End of execution	2017-06-08 13:26:24.822
Timeout [ms]	0
Service	WriteResponse_ok
Index	3

Subindex	1
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read CS
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:24.884
End of execution	2017-06-08 13:26:24.884
Timeout [ms]	0
Service	ReadRequest_8i_sub
Index	3
Subindex	4
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	GD Read diagnostic channel
Name	Check acknowledged event
Description	Reads data from the diagnostic channel and verify the previous notified event is acknowledged by the DUT. As result of the acknowledge the status code shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:24.947
End of execution	2017-06-08 13:26:25.243
Received StatusCode	0
Expected StatusCode	0
Received EventCode 1	65425
Expected EventCode 1	-1
Received QualifierCode 1	84
Expected QualifierCode 1	-1
Received EventCode 2	0
Expected EventCode 2	-1
Received QualifierCode 2	0
Expected QualifierCode 2	-1
Received EventCode 3	0
Expected EventCode 3	-1
Received QualifierCode 3	0
Expected QualifierCode 3	-1
Received EventCode 4	0
Expected EventCode 4	-1
Received QualifierCode 4	0
Expected QualifierCode 4	-1
Received EventCode 5	0
Expected EventCode 5	-1
Received QualifierCode 5	0
Expected QualifierCode 5	-1
Received EventCode 6	0
Expected EventCode 6	-1

Received QualifierCode 6	0
Expected QualifierCode 6	-1
Type	SubFunction Reference
Name	Verify DS Set1
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:25.305
End of execution	2017-06-08 13:26:26.319
Function	Verify DS Set1

Type	GD ISDU Read
Name	0x123 / 0
Description	Executes a ISDU Read Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:25.493
End of execution	2017-06-08 13:26:25.727
Index	291
Subindex	0
Data received	0x12,0x34
Expected data	0x12,0x34
Empty data expected	No

Type	GD ISDU Read
Name	0x124 / 1
Description	Executes a ISDU Read Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:25.789
End of execution	2017-06-08 13:26:26.023
Index	292
Subindex	1
Data received	0x55
Expected data	0x55
Empty data expected	No

Type	GD ISDU Read
Name	0x124 / 2
Description	Executes a ISDU Read Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:26.085
End of execution	2017-06-08 13:26:26.319
Index	292
Subindex	2
Data received	0xAA
Expected data	0xAA
Empty data expected	No

Type	GD Prepare state
Name	Monitor stop
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:26.382
End of execution	2017-06-08 13:26:26.616
GD state	GDMonitorModeStop

Test Root : SDCI_TC_0275 (TCM_ALIC_STOR_PROPDLDPARAMMISMATCH)

Type	Test Root
Name	SDCI_TC_0275 (TCM_ALIC_STOR_PROPDLDPARAMMISMATCH)
Description	Data Storage download upon mismatch of parameter sets (PREOPERATE). The Master is configured to support the Data Storage mechanism for download only. If the Master detects a deviating parameter checksum directly after entering the PREOPERATE mode the Master shall overwrite the current parameter set in the "Device". This function to be tested in PREOPERATE mode.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:26.678
End of execution	2017-06-08 13:27:10.982

Type	SubFunction Reference
Name	Clear DS
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:26.741
End of execution	2017-06-08 13:26:41.592
Function	Clear DataStorage

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:27.068
End of execution	2017-06-08 13:26:28.550
GD state	GDStandardState

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:28.613
End of execution	2017-06-08 13:26:28.706

Type	DUT Configuration
Name	Clear data storage
Description	Configures the DUT with the predefined default configuration set without DS enabled and with different VID/DID. To be sure that parameter server is cleared.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:28.769
End of execution	2017-06-08 13:26:28.769
Configuration set	default_Sensor_Aktor_VID_DID

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:28.831

End of execution	2017-06-08 13:26:28.847
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:28.909
End of execution	2017-06-08 13:26:29.580
Type	DUT Configuration
Name	Data storage
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte, Data storage active).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:29.642
End of execution	2017-06-08 13:26:29.642
Configuration set	default_DataStorage
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:29.705
End of execution	2017-06-08 13:26:29.705
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:26:29.767
End of execution	2017-06-08 13:26:38.893
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:38.955
End of execution	2017-06-08 13:26:39.252
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:39.314

End of execution	2017-06-08 13:26:41.342
Port ID	-1
Port Status	Fallback

Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in NO COM state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:41.405
End of execution	2017-06-08 13:26:41.592
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:41.654
End of execution	2017-06-08 13:26:43.058
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:43.121
End of execution	2017-06-08 13:26:43.682
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_1_V_8REQ

Type	GD ISDU Write
Name	Set DS_UPLOAD_FLAG
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:43.745
End of execution	2017-06-08 13:26:43.994
Response service	0
Index	3

Subindex	2
Data	0x80
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:44.057
End of execution	2017-06-08 13:26:53.183
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:53.245
End of execution	2017-06-08 13:26:53.479
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:53.541
End of execution	2017-06-08 13:26:56.583
Port ID	-1
Port Status	Fallback
Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in NO COM state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:56.646
End of execution	2017-06-08 13:26:56.817
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	SubFunction Reference
Name	Prepare DS Set2
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:56.833
End of execution	2017-06-08 13:26:58.206
Function	Prepare DS Set2

Type	GD ISDU Write
Name	0x123 / 0
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:57.036
End of execution	2017-06-08 13:26:57.270
Response service	0
Index	291
Subindex	0
Data	0xC3,0x50

Type	GD ISDU Write
Name	0x124 / 1
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:57.332
End of execution	2017-06-08 13:26:57.582
Response service	0
Index	292
Subindex	1
Data	0x7F

Type	GD ISDU Write
Name	0x124 / 2
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:57.644
End of execution	2017-06-08 13:26:57.894
Response service	0
Index	292
Subindex	2
Data	0x80

Type	GD ISDU Write
Name	DS CS
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:57.956
End of execution	2017-06-08 13:26:58.206
Response service	0
Index	3
Subindex	4
Data	0xC3,0x50,0x7F,0x80

Type	GD Prepare state
Name	Monitor ISDU
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:58.268
End of execution	2017-06-08 13:26:58.518
GD state	GDMonitorSPDUMode

Type	GD Prepare state
Name	Monitor
Description	Sets the GD in the default state.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:58.580
End of execution	2017-06-08 13:26:58.830
GD state	GDMonitorMode
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:58.892
End of execution	2017-06-08 13:26:59.048
Type	DUT Configuration
Name	Data storage Download only
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte, Data storage active).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:59.111
End of execution	2017-06-08 13:26:59.111
Configuration set	default_DataStorage_DL
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:26:59.173
End of execution	2017-06-08 13:26:59.173
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:26:59.235
End of execution	2017-06-08 13:27:08.361
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:08.424
End of execution	2017-06-08 13:27:08.720
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Monitor stop
Description	Sets the GD in the default state.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:08.783
End of execution	2017-06-08 13:27:08.954
GD state	GDMonitorModeStop

Type	Check Monitor frame
Name	DevicePreoperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:09.017
End of execution	2017-06-08 13:27:09.032
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x9A
Expected data	0x9A
Minimum received frames	1
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read DS CS
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:09.095
End of execution	2017-06-08 13:27:09.095
Timeout [ms]	0
Service	ReadResponse_ok
Index	3
Subindex	4
Data received	0xC3,0x50,0x7F,0x80
Expected data	
Empty data expected	No
Count of received services	2
Minimum received services	1
Maximum received services	2
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	SubFunction Reference
Name	Check DS download sequence
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:09.157

End of execution	2017-06-08 13:27:09.812
Function	Check DS download sequence

Type	Check Monitor ISDU
Name	DS_DownloadStart
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:09.438
End of execution	2017-06-08 13:27:09.438
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x03
Expected data	0x03
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Write 0x123 / 0
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:09.500
End of execution	2017-06-08 13:27:09.500
Timeout [ms]	0
Service	WriteResponse_ok
Index	291
Subindex	0
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Write 0x124 / 1
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:09.563
End of execution	2017-06-08 13:27:09.563
Timeout [ms]	0
Service	WriteResponse_ok
Index	292
Subindex	1
Data received	
Expected data	
Empty data expected	No

Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Write 0x124 / 2
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:09.625
End of execution	2017-06-08 13:27:09.625
Timeout [ms]	0
Service	WriteResponse_ok
Index	292
Subindex	2
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	DS_DownloadStop
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:09.687
End of execution	2017-06-08 13:27:09.687
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x04
Expected data	0x04
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	DS_DownloadStop Response
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:09.750
End of execution	2017-06-08 13:27:09.750
Timeout [ms]	0
Service	WriteResponse_ok
Index	3

Subindex	1
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read CS
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:09.812
End of execution	2017-06-08 13:27:09.812
Timeout [ms]	0
Service	ReadRequest_8i_sub
Index	3
Subindex	4
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor frame
Name	DeviceOperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:09.875
End of execution	2017-06-08 13:27:09.906
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType1_V
Data received	0x99,0x00,0x00,0x00,0x00,0x00,0x00,0x00
Expected data	0x99,0x00,0x00,0x00,0x00,0x00,0x00,0x00
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	no DS_DownloadStop in operate
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:09.968
End of execution	2017-06-08 13:27:10.982
Timeout [ms]	1000
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	
Expected data	0x04
Empty data expected	No
Count of received services	0
Minimum received services	0
Maximum received services	0
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Test Root : SDCI_TC_0276 (TCM_ALIC_STOR_STORAGESIZE)

Type	Test Root
Name	SDCI_TC_0276 (TCM_ALIC_STOR_STORAGESIZE)
Description	Master verifies requested Data Storage size. The Master is configured to support the entire Data Storage mechanism comprising directions upload and download. The Master shall detect whether it is able to store the whole parameter set by checking the Data_Storage_Size.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:11.045
End of execution	2017-06-08 13:27:43.462

Type	SubFunction Reference
Name	Clear DS
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:11.107
End of execution	2017-06-08 13:27:25.958
Function	Clear DataStorage

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:11.450
End of execution	2017-06-08 13:27:12.917
GD state	GDStandardState

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:12.979
End of execution	2017-06-08 13:27:13.151

Type	DUT Configuration
Name	Clear data storage
Description	Configures the DUT with the predefined default configuration set without DS enabled and with different VID/DID. To be sure that parameter server is cleared.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:13.213
End of execution	2017-06-08 13:27:13.213
Configuration set	default_Sensor_Aktor_VID_DID

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:13.275
End of execution	2017-06-08 13:27:13.275

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:13.338
End of execution	2017-06-08 13:27:14.024
Type	DUT Configuration
Name	Data storage
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte, Data storage active).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:14.087
End of execution	2017-06-08 13:27:14.087
Configuration set	default_DataStorage
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:14.149
End of execution	2017-06-08 13:27:14.149
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:27:14.211
End of execution	2017-06-08 13:27:23.338
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:23.400
End of execution	2017-06-08 13:27:23.618
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:23.681
End of execution	2017-06-08 13:27:25.709

Port ID	-1
Port Status	Fallback
Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in NO COM state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:25.771
End of execution	2017-06-08 13:27:25.958
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:26.021
End of execution	2017-06-08 13:27:27.425
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:27.487
End of execution	2017-06-08 13:27:28.033
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_1_V_8REQ

Type	GD Prepare state
Name	Monitor
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:28.096
End of execution	2017-06-08 13:27:28.330
GD state	GDMonitorMode

Type	GD Prepare state
Name	Monitor ISDU

Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:28.345
End of execution	2017-06-08 13:27:28.642
GD state	GDMonitorSPDUMode
Type	GD ISDU Write
Name	Set DS_UPLOAD_FLAG
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:28.704
End of execution	2017-06-08 13:27:28.938
Response service	0
Index	3
Subindex	2
Data	0x80
Type	GD ISDU Write
Name	Set max. DS size
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:28.954
End of execution	2017-06-08 13:27:29.250
Response service	0
Index	3
Subindex	3
Data	0xFF,0xFF,0xFF,0xFF
Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:29.312
End of execution	2017-06-08 13:27:29.312
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:27:29.375
End of execution	2017-06-08 13:27:38.501
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	PREOPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:38.563
End of execution	2017-06-08 13:27:38.688
Timeout [ms]	10000
Expected GD state	DontCare

Received GD status	GDCONFORMANCE
Expected GD IOL status	PREOPERATE
Received GD IOL status	PREOPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	Check Monitor frame
Name	DevicePreoperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:38.750
End of execution	2017-06-08 13:27:38.766
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x9A
Expected data	0x9A
Minimum received frames	1
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	Yes
Type	Check Monitor ISDU
Name	Read DS Size
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:38.828
End of execution	2017-06-08 13:27:40.856
Timeout [ms]	2000
Service	ReadResponse_ok
Index	3
Subindex	3
Data received	0xFF,0xFF,0xFF,0xFF
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Type	Check Monitor ISDU
Name	no DS_UploadStart
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:40.919
End of execution	2017-06-08 13:27:42.947

Timeout [ms]	2000
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	
Expected data	0x01
Empty data expected	No
Count of received services	0
Minimum received services	0
Maximum received services	0
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	GD Prepare state
Name	Monitor stop
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:43.009
End of execution	2017-06-08 13:27:43.103
GD state	GDMonitorModeStop

Type	GD Get operation status
Name	Still PREOPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:43.165
End of execution	2017-06-08 13:27:43.399
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	PREOPERATE
Received GD IOL status	PREOPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Event Wait
Name	DS error
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:27:43.462
End of execution	2017-06-08 13:27:43.462
Wait time [ms]	1000
Expected Port ID	-2
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	-1
Expected alt. System Event	0x001B
Expected alt. System Event (raw data)	
Received DUT event	System Event: Port 1, Code 0x0000001B

Test Root : SDCI_TC_0277 (TCM_ALIC_STOR_ACTIVATEUPLOAD)

Type	Test Root
Name	SDCI_TC_0277 (TCM_ALIC_STOR_ACTIVATEUPLOAD)
Description	Master sets port DS ActivationState and executes Upload. After enabling the Data Storage handler of the Master, the Master shall check the Data Storage state of the "Device". The Master shall start Data Storage actions.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:43.524
End of execution	2017-06-08 13:28:16.736

Type	SubFunction Reference
Name	Clear DS
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:43.602
End of execution	2017-06-08 13:27:58.453
Function	Clear DataStorage

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:43.945
End of execution	2017-06-08 13:27:45.412
GD state	GDStandardState

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:45.474
End of execution	2017-06-08 13:27:45.630

Type	DUT Configuration
Name	Clear data storage
Description	Configures the DUT with the predefined default configuration set without DS enabled and with different VID/DID. To be sure that parameter server is cleared.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:45.692
End of execution	2017-06-08 13:27:45.692
Configuration set	default_Sensor_Aktor_VID_DID

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:45.708
End of execution	2017-06-08 13:27:45.708

Type	DUT DEX Stop

Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:45.724
End of execution	2017-06-08 13:27:46.504
Type	DUT Configuration
Name	Data storage
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte, Data storage active).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:46.566
End of execution	2017-06-08 13:27:46.566
Configuration set	default_DataStorage
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:46.582
End of execution	2017-06-08 13:27:46.582
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:27:46.644
End of execution	2017-06-08 13:27:55.770
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:55.832
End of execution	2017-06-08 13:27:56.113
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:56.176
End of execution	2017-06-08 13:27:58.204
Port ID	-1

Port Status	Fallback
Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in NO COM state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:58.266
End of execution	2017-06-08 13:27:58.453
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT DS Activation Status
Name	Off
Description	Sets the DataStorage activation status of the 'PortID' port of the DUT. Precondition: The System data exchange mode must be started (-> CTODUTDataExchangeStart)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:58.516
End of execution	2017-06-08 13:27:58.516
Port ID	-1
Data storage	Off

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:58.531
End of execution	2017-06-08 13:27:59.904
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:27:59.966
End of execution	2017-06-08 13:28:00.528
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_1_V_8REQ

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:00.590
End of execution	2017-06-08 13:28:09.716
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:09.779
End of execution	2017-06-08 13:28:10.013
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Monitor
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:10.075
End of execution	2017-06-08 13:28:10.247
GD state	GDMonitorMode

Type	GD Prepare state
Name	Monitor ISDU
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:10.309
End of execution	2017-06-08 13:28:10.543
GD state	GDMonitorSPDUMode

Type	DUT DS Activation Status
Name	On
Description	Sets the DataStorage activation status of the 'PortID' port of the DUT. Precondition: The System data exchange mode must be started (-> CTODUTDataExchangeStart)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:10.606
End of execution	2017-06-08 13:28:10.606
Port ID	-1
Data storage	On

Type	Check Monitor ISDU
Name	Read DS State_Property
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:10.621
End of execution	2017-06-08 13:28:15.691
Timeout [ms]	5000
Service	ReadResponse_ok
Index	3
Subindex	2
Data received	0x80
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read DS Size
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:15.754
End of execution	2017-06-08 13:28:15.769
Timeout [ms]	0
Service	ReadResponse_ok
Index	3
Subindex	3
Data received	0x00,0x00,0x00,0x10
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	SubFunction Reference
Name	Check DS upload sequence
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:15.832
End of execution	2017-06-08 13:28:16.409
Function	Check DS upload sequence

Type	Check Monitor ISDU
Name	DS_UploadStart
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:16.081
End of execution	2017-06-08 13:28:16.081
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1

Data received	0x01
Expected data	0x01
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read 0x123 / 0
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:16.144
End of execution	2017-06-08 13:28:16.144
Timeout [ms]	0
Service	ReadResponse_ok
Index	291
Subindex	0
Data received	0x12,0x34
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read 0x124 / 1
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:16.206
End of execution	2017-06-08 13:28:16.206
Timeout [ms]	0
Service	ReadResponse_ok
Index	292
Subindex	1
Data received	0x55
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read 0x124 / 2
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:16.268
End of execution	2017-06-08 13:28:16.284

Timeout [ms]	0
Service	ReadResponse_ok
Index	292
Subindex	2
Data received	0xAA
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read CS
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:16.346
End of execution	2017-06-08 13:28:16.346
Timeout [ms]	0
Service	ReadResponse_ok
Index	3
Subindex	4
Data received	0xAA,0x55,0x34,0x12
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	DS_UploadStop
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:16.409
End of execution	2017-06-08 13:28:16.409
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x02
Expected data	0x02
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	GD Prepare state
Name	Monitor stop
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	

Start of execution	2017-06-08 13:28:16.471
End of execution	2017-06-08 13:28:16.736
GD state	GDMonitorModeStop

Test Root : SDCI_TC_0278 (TCM_ALIC_STOR_ULDINDEXNOTAVAILABLE)

Type	Test Root
Name	SDCI_TC_0278 (TCM_ALIC_STOR_ULDINDEXNOTAVAILABLE)
Description	DS Upload with Read on unavailable Index. If a particular Index is not available during an upload sequence, the Master shall send a “DS-Break” to the "Device" and generate an error Event to the upper level system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:16.752
End of execution	2017-06-08 13:28:47.328

Type	SubFunction Reference
Name	Clear DS
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:16.814
End of execution	2017-06-08 13:28:31.697
Function	Clear DataStorage

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:17.126
End of execution	2017-06-08 13:28:18.468
GD state	GDStandardState

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:18.530
End of execution	2017-06-08 13:28:18.686

Type	DUT Configuration
Name	Clear data storage
Description	Configures the DUT with the predefined default configuration set without DS enabled and with different VID/DID. To be sure that parameter server is cleared.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:18.749
End of execution	2017-06-08 13:28:18.764
Configuration set	default_Sensor_Aktor_VID_DID

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:18.827
End of execution	2017-06-08 13:28:18.827

Type	DUT DEX Stop

Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:18.889
End of execution	2017-06-08 13:28:19.576
Type	DUT Configuration
Name	Data storage
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte, Data storage active).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:19.638
End of execution	2017-06-08 13:28:19.638
Configuration set	default_DataStorage
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:19.700
End of execution	2017-06-08 13:28:19.700
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:28:19.763
End of execution	2017-06-08 13:28:28.998
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:29.060
End of execution	2017-06-08 13:28:29.372
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:29.435
End of execution	2017-06-08 13:28:31.463
Port ID	-1

Port Status	Fallback
Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in NO COM state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:31.525
End of execution	2017-06-08 13:28:31.697
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:31.759
End of execution	2017-06-08 13:28:33.163
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:33.226
End of execution	2017-06-08 13:28:33.772
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_1_V_8REQ

Type	GD ISDU Write
Name	Set DS_UPLOAD_FLAG
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:33.834
End of execution	2017-06-08 13:28:34.068
Response service	0
Index	3
Subindex	2
Data	0x80

Type	GD ISDU Write
Name	Set invalid Idx
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:34.084
End of execution	2017-06-08 13:28:34.380
Response service	0
Index	3
Subindex	5
Data	0x01,0x23,0x00,0x01,0x25,0x01,0x01,0x24,0x02,0x00,0x00
Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:34.442
End of execution	2017-06-08 13:28:34.442
Type	GD Prepare state
Name	Monitor
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:34.505
End of execution	2017-06-08 13:28:34.676
GD state	GDMonitorMode
Type	GD Prepare state
Name	Monitor ISDU
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:34.692
End of execution	2017-06-08 13:28:34.988
GD state	GDMonitorSPDUMode
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:35.051
End of execution	2017-06-08 13:28:44.177
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	PREOPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:44.239
End of execution	2017-06-08 13:28:44.426
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE

Expected GD IOL status	PREOPERATE
Received GD IOL status	PREOPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	Check Monitor frame
Name	DevicePreoperate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:44.489
End of execution	2017-06-08 13:28:44.504
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x9A
Expected data	0x9A
Minimum received frames	1
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	Yes
Type	Check Monitor ISDU
Name	Read DS State_Property
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:44.567
End of execution	2017-06-08 13:28:46.595
Timeout [ms]	2000
Service	ReadResponse_ok
Index	3
Subindex	2
Data received	0x80
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Type	Check Monitor ISDU
Name	Read DS Size
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:46.657
End of execution	2017-06-08 13:28:46.657
Timeout [ms]	0

Service	ReadResponse_ok
Index	3
Subindex	3
Data received	0x00,0x00,0x00,0x10
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	DS_UploadStart
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:46.720
End of execution	2017-06-08 13:28:46.720
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x01
Expected data	0x01
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read 0x123 / 0
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:46.782
End of execution	2017-06-08 13:28:46.782
Timeout [ms]	0
Service	ReadResponse_ok
Index	291
Subindex	0
Data received	0x12,0x34
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read 0x125 / 1 NOK
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No

Comment	
Start of execution	2017-06-08 13:28:46.829
End of execution	2017-06-08 13:28:46.829
Timeout [ms]	0
Service	ReadResponse_nok
Index	293
Subindex	1
Data received	0x80,0x11
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	DS_Break
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:46.891
End of execution	2017-06-08 13:28:46.891
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x05
Expected data	0x05
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	GD Get operation status
Name	Still PREOPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:46.954
End of execution	2017-06-08 13:28:47.094
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	PREOPERATE
Received GD IOL status	PREOPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Monitor stop
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:47.156
End of execution	2017-06-08 13:28:47.266
GD state	GDMonitorModeStop

Type	DUT Event Wait
Name	DS error

Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:28:47.328
End of execution	2017-06-08 13:28:47.328
Wait time [ms]	1000
Expected Port ID	-2
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	-1
Expected alt. System Event	0x001B
Expected alt. System Event (raw data)	
Received DUT event	System Event: Port 1, Code 0x0000001B

Test Root : SDCI_TC_0279 (TCM_ALIC_STOR_ULDINDEXINSUFFLENGTH)

Type	Test Root
Name	SDCI_TC_0279 (TCM_ALIC_STOR_ULDINDEXINSUFFLENGTH)
Description	DS Upload with Read on Index with insufficient length. If a particular Index has insufficient length during a download (Write) sequence, the Master shall send a “DS-Break” to the "Device" and generate an error Event to the upper level system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:47.390
End of execution	2017-06-08 13:29:19.464

Type	SubFunction Reference
Name	Clear DS
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:47.453
End of execution	2017-06-08 13:29:02.179
Function	Clear DataStorage

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:47.780
End of execution	2017-06-08 13:28:49.138
GD state	GDStandardState

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:49.200
End of execution	2017-06-08 13:28:49.294

Type	DUT Configuration
Name	Clear data storage
Description	Configures the DUT with the predefined default configuration set without DS enabled and with different VID/DID. To be sure that parameter server is cleared.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:49.356
End of execution	2017-06-08 13:28:49.356
Configuration set	default_Sensor_Aktor_VID_DID

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:49.418
End of execution	2017-06-08 13:28:49.418

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:49.481
End of execution	2017-06-08 13:28:50.167
Type	DUT Configuration
Name	Data storage
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte, Data storage active).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:50.230
End of execution	2017-06-08 13:28:50.230
Configuration set	default_DataStorage
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:50.292
End of execution	2017-06-08 13:28:50.292
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:28:50.354
End of execution	2017-06-08 13:28:59.480
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:59.496
End of execution	2017-06-08 13:28:59.839
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:28:59.902
End of execution	2017-06-08 13:29:01.930

Port ID	-1
Port Status	Fallback

Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in NO COM state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:01.992
End of execution	2017-06-08 13:29:02.179
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:02.242
End of execution	2017-06-08 13:29:03.646
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:03.708
End of execution	2017-06-08 13:29:04.254
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_1_V_8REQ

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:04.316
End of execution	2017-06-08 13:29:13.443
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status

Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:13.505
End of execution	2017-06-08 13:29:13.739
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD ISDU Write
Name	DS invalid CS
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:13.801
End of execution	2017-06-08 13:29:13.973
Response service	0
Index	3
Subindex	4
Data	0xAB,0xCD,0xEF,0x22

Type	GD ISDU Response
Name	negative write
Description	Prepare the negative ISDU write response of the GD with error code 'Device application error' and additional error code 'Access denied'. For example the GD expect three bytes at index 64 for an device specific parameter.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:14.035
End of execution	2017-06-08 13:29:14.566
Index	292
Subindex	1
Response service	0x04
Response length	0x00
Data	0x80,0x23

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:14.628
End of execution	2017-06-08 13:29:14.628

Type	GD Prepare state
Name	Monitor
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:14.691
End of execution	2017-06-08 13:29:14.862
GD state	GDMonitorMode

Type	GD Prepare state
Name	Monitor ISDU

Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:14.925
End of execution	2017-06-08 13:29:15.159
GD state	GDMonitorSPDUMode

Type	GD Write diagnostic channel
Name	DS_UPLOAD_REQUEST
Description	Generates the Event DS_UPLOAD_REQUEST 0xFF91 -> 65425 App, SingleShot, Notification (0x54 -> 84)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:15.221
End of execution	2017-06-08 13:29:15.861
StatusCode	0x81
EventCode 1	0xFF91
QualifierCode 1	0x54
EventCode 2	-1
QualifierCode 2	-1
EventCode 3	-1
QualifierCode 3	-1
EventCode 4	-1
QualifierCode 4	-1
EventCode 5	-1
QualifierCode 5	-1
EventCode 6	-1
QualifierCode 6	-1
Set event flag	Yes

Type	Check Monitor ISDU
Name	Read DS CS
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:15.923
End of execution	2017-06-08 13:29:18.965
Timeout [ms]	3000
Service	ReadResponse_ok
Index	3
Subindex	4
Data received	0xAB,0xCD,0xEF,0x22
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	2
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	DS_DownloadStart
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:19.027

End of execution	2017-06-08 13:29:19.027
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x03
Expected data	0x03
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Write 0x123 / 0
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:19.090
End of execution	2017-06-08 13:29:19.090
Timeout [ms]	0
Service	WriteResponse_ok
Index	291
Subindex	0
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Write 0x124 / 1 NOK
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:19.152
End of execution	2017-06-08 13:29:19.152
Timeout [ms]	0
Service	WriteResponse_nok
Index	292
Subindex	1
Data received	0x80,0x23
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	DS_Break
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:19.215
End of execution	2017-06-08 13:29:19.230
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x05
Expected data	0x05
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	GD Prepare state
Name	Monitor stop
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:19.293
End of execution	2017-06-08 13:29:19.402
GD state	GDMonitorModeStop

Type	DUT Event Wait
Name	DS error
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:29:19.464
End of execution	2017-06-08 13:29:19.464
Wait time [ms]	1000
Expected Port ID	-2
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	-1
Expected alt. System Event	0x001B
Expected alt. System Event (raw data)	
Received DUT event	System Event: Port 1, Code 0x0000001B

Test Root : SDCI_TC_0280 (TCM_ALIC_STOR_DSLOCKED)

Type	Test Root
Name	SDCI_TC_0280 (TCM_ALIC_STOR_DSLOCKED)
Description	DS Upload trial with locked Device Data Storage. Master shall detect the locked Data Storage of a Device. In this case the Master shall deny access for all data storage actions from its own data storage handler.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:19.527
End of execution	2017-06-08 13:29:52.427

Type	SubFunction Reference
Name	Clear DS
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:19.589
End of execution	2017-06-08 13:29:34.378
Function	Clear DataStorage

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:19.917
End of execution	2017-06-08 13:29:21.336
GD state	GDStandardState

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:21.399
End of execution	2017-06-08 13:29:21.555

Type	DUT Configuration
Name	Clear data storage
Description	Configures the DUT with the predefined default configuration set without DS enabled and with different VID/DID. To be sure that parameter server is cleared.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:21.617
End of execution	2017-06-08 13:29:21.617
Configuration set	default_Sensor_Aktor_VID_DID

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:21.679
End of execution	2017-06-08 13:29:21.679

Type	DUT DEX Stop

Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:21.742
End of execution	2017-06-08 13:29:22.428
Type	DUT Configuration
Name	Data storage
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte, Data storage active).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:22.491
End of execution	2017-06-08 13:29:22.491
Configuration set	default_DataStorage
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:22.553
End of execution	2017-06-08 13:29:22.553
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:29:22.615
End of execution	2017-06-08 13:29:31.741
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:31.804
End of execution	2017-06-08 13:29:32.038
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:32.100
End of execution	2017-06-08 13:29:34.128
Port ID	-1

Port Status	Fallback
Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in NO COM state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:34.191
End of execution	2017-06-08 13:29:34.378
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT DS Activation Status
Name	Off
Description	Sets the DataStorage activation status of the 'PortID' port of the DUT. Precondition: The System data exchange mode must be started (-> CTODUTDataExchangeStart)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:34.440
End of execution	2017-06-08 13:29:34.440
Port ID	-1
Data storage	Off

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:34.503
End of execution	2017-06-08 13:29:35.844
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:35.907
End of execution	2017-06-08 13:29:36.468
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_1_V_8REQ

Type	GD ISDU Write
Name	DS locked
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:36.531
End of execution	2017-06-08 13:29:36.780
Response service	0
Index	3
Subindex	2
Data	0x06

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:36.843
End of execution	2017-06-08 13:29:45.969
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:46.031
End of execution	2017-06-08 13:29:46.265
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Monitor
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:46.327
End of execution	2017-06-08 13:29:46.499
GD state	GDMonitorMode

Type	GD Prepare state
Name	Monitor ISDU
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:46.561
End of execution	2017-06-08 13:29:46.795
GD state	GDMonitorSPDUMode

Type	DUT DS Activation Status
Name	On
Description	Sets the DataStorage activation status of the 'PortID' port of the DUT. Precondition: The System data exchange mode must be started (-> CTODUTDataExchangeStart)
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:46.858
End of execution	2017-06-08 13:29:46.858
Port ID	-1
Data storage	On
Type	Check Monitor ISDU
Name	Read DS State_Property
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:46.920
End of execution	2017-06-08 13:29:51.990
Timeout [ms]	5000
Service	ReadResponse_ok
Index	3
Subindex	2
Data received	0x06
Expected data	0x06
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Type	Check Monitor ISDU
Name	no DS_DownloadStart
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:52.053
End of execution	2017-06-08 13:29:52.053
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	
Expected data	0x03
Empty data expected	No
Count of received services	0
Minimum received services	0
Maximum received services	0
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Type	Check Monitor ISDU
Name	no DS_UploadStart
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:52.115
End of execution	2017-06-08 13:29:52.115
Timeout [ms]	0

Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	
Expected data	0x01
Empty data expected	No
Count of received services	0
Minimum received services	0
Maximum received services	0
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	GD Prepare state
Name	Monitor stop
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:52.177
End of execution	2017-06-08 13:29:52.365
GD state	GDMonitorModeStop

Type	DUT Event Wait
Name	DS error
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:29:52.427
End of execution	2017-06-08 13:29:52.427
Wait time [ms]	1000
Expected Port ID	-2
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	-1
Expected alt. System Event	0x001B
Expected alt. System Event (raw data)	
Received DUT event	System Event: Port 1, Code 0x0000001B

Test Root : SDCI_TC_0281 (TCM_ALIC_STOR_ULDDLDBLOCKSULS)

Type	Test Root
Name	SDCI_TC_0281 (TCM_ALIC_STOR_ULDDLDBLOCKSULS)
Description	DS Upload/Download blocks higher level system request. Master shall deny an access of the upper level system to the "Device" during an Upload or Download sequence.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:52.443
End of execution	2017-06-08 13:30:30.772

Type	SubFunction Reference
Name	Clear DS
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:52.505
End of execution	2017-06-08 13:30:07.341
Function	Clear DataStorage

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:52.848
End of execution	2017-06-08 13:29:54.299
GD state	GDStandardState

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:54.361
End of execution	2017-06-08 13:29:54.502

Type	DUT Configuration
Name	Clear data storage
Description	Configures the DUT with the predefined default configuration set without DS enabled and with different VID/DID. To be sure that parameter server is cleared.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:54.564
End of execution	2017-06-08 13:29:54.564
Configuration set	default_Sensor_Aktor_VID_DID

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:54.627
End of execution	2017-06-08 13:29:54.627

Type	DUT DEX Stop

Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:54.689
End of execution	2017-06-08 13:29:55.375
Type	DUT Configuration
Name	Data storage
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte, Data storage active).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:55.438
End of execution	2017-06-08 13:29:55.438
Configuration set	default_DataStorage
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:29:55.500
End of execution	2017-06-08 13:29:55.500
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:29:55.563
End of execution	2017-06-08 13:30:04.689
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:04.751
End of execution	2017-06-08 13:30:05.001
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:05.063
End of execution	2017-06-08 13:30:07.091
Port ID	-1

Port Status	Fallback
Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in NO COM state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:07.153
End of execution	2017-06-08 13:30:07.341
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:07.403
End of execution	2017-06-08 13:30:08.807
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:08.869
End of execution	2017-06-08 13:30:09.431
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_1_V_8REQ

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:09.493
End of execution	2017-06-08 13:30:18.619
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE

Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:18.682
End of execution	2017-06-08 13:30:18.916
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Monitor
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:18.978
End of execution	2017-06-08 13:30:19.150
GD state	GDMonitorMode
Type	GD Prepare state
Name	Monitor ISDU
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:19.212
End of execution	2017-06-08 13:30:19.446
GD state	GDMonitorSPDUMode
Type	GD ISDU Write
Name	Set DS_UPLOAD_FLAG
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:19.509
End of execution	2017-06-08 13:30:19.743
Response service	0
Index	3
Subindex	2
Data	0x80
Type	GD Write diagnostic channel
Name	DS_UPLOAD_REQUEST
Description	Generates the Event DS_UPLOAD_REQUEST 0xFF91 -> 65425 App, SingleShot, Notification (0x54 -> 84)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:19.805
End of execution	2017-06-08 13:30:20.445
StatusCode	0x81
EventCode 1	0xFF91
QualifierCode 1	0x54
EventCode 2	-1
QualifierCode 2	-1
EventCode 3	-1
QualifierCode 3	-1
EventCode 4	-1

QualifierCode 4	-1
EventCode 5	-1
QualifierCode 5	-1
EventCode 6	-1
QualifierCode 6	-1
Set event flag	Yes
Type	Wait
Name	
Description	Wait time to be sure that DS upload is active
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:20.507
End of execution	2017-06-08 13:30:20.507
Wait time [ms]	0
Type	DUT ISDU Read
Name	Vendor Name (probably blocked)
Description	Executes a ISDU Read Service via the DUT
State	Successful
State info	
Expected result	DontCare
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:20.569
End of execution	2017-06-08 13:30:22.629
Port ID	-1
Index	16
Subindex	0
Data received	0x54,0x45,0x43,0x6F,0x6E,0x63,0x65,0x70,0x74,0x20,0x47,0x6D,0x62,0x48,0x20,0x20,0x20,0x20,0x20,0x
Expected data	
Empty data expected	No
Type	Check Monitor ISDU
Name	Read DS State_Property
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:22.691
End of execution	2017-06-08 13:30:27.761
Timeout [ms]	5000
Service	ReadResponse_ok
Index	3
Subindex	2
Data received	0x80
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Type	Check Monitor ISDU
Name	Read DS Size
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	

Start of execution	2017-06-08 13:30:27.823
End of execution	2017-06-08 13:30:27.823
Timeout [ms]	0
Service	ReadResponse_ok
Index	3
Subindex	3
Data received	0x00,0x00,0x00,0x10
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	DS_UploadStart
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:27.886
End of execution	2017-06-08 13:30:27.886
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x01
Expected data	0x01
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	No OD request while DS
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:27.948
End of execution	2017-06-08 13:30:27.948
Timeout [ms]	0
Service	ReadRequest_8I
Index	16
Subindex	0
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	-1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read 0x123 / 0
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:28.011
End of execution	2017-06-08 13:30:28.011
Timeout [ms]	0
Service	ReadResponse_ok
Index	291
Subindex	0
Data received	0x12,0x34
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	No OD request while DS
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:28.073
End of execution	2017-06-08 13:30:28.089
Timeout [ms]	0
Service	ReadRequest_8I
Index	16
Subindex	0
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	-1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read 0x124 / 1
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:28.151
End of execution	2017-06-08 13:30:28.151
Timeout [ms]	0
Service	ReadResponse_ok
Index	292
Subindex	1
Data received	0x55
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	No OD request while DS

Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:28.213
End of execution	2017-06-08 13:30:28.213
Timeout [ms]	0
Service	ReadRequest_8I
Index	16
Subindex	0
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	-1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read 0x124 / 2
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:28.276
End of execution	2017-06-08 13:30:28.276
Timeout [ms]	0
Service	ReadResponse_ok
Index	292
Subindex	2
Data received	0xAA
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	No OD request while DS
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:28.338
End of execution	2017-06-08 13:30:28.338
Timeout [ms]	0
Service	ReadRequest_8I
Index	16
Subindex	0
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	-1
Expected position (latest)	0

Clear receive queue	No
Clear receive queue up to found item	No
Type	Check Monitor ISDU
Name	Read CS
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:28.416
End of execution	2017-06-08 13:30:28.416
Timeout [ms]	0
Service	ReadResponse_ok
Index	3
Subindex	4
Data received	0xAA,0x55,0x34,0x12
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Type	Check Monitor ISDU
Name	No OD request while DS
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:28.479
End of execution	2017-06-08 13:30:28.479
Timeout [ms]	0
Service	ReadRequest_8I
Index	16
Subindex	0
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	-1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	No
Type	Check Monitor ISDU
Name	DS_UploadStop
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:28.541
End of execution	2017-06-08 13:30:28.541
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x02
Expected data	0x02
Empty data expected	No

Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	GD Read diagnostic channel
Name	Check acknowledged event
Description	Reads data from the diagnostic channel and verify the previous notified event is acknowledged by the DUT. As result of the acknowledge the status code shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:28.603
End of execution	2017-06-08 13:30:28.853
Received StatusCode	0
Expected StatusCode	0
Received EventCode 1	65425
Expected EventCode 1	-1
Received QualifierCode 1	84
Expected QualifierCode 1	-1
Received EventCode 2	0
Expected EventCode 2	-1
Received QualifierCode 2	0
Expected QualifierCode 2	-1
Received EventCode 3	0
Expected EventCode 3	-1
Received QualifierCode 3	0
Expected QualifierCode 3	-1
Received EventCode 4	0
Expected EventCode 4	-1
Received QualifierCode 4	0
Expected QualifierCode 4	-1
Received EventCode 5	0
Expected EventCode 5	-1
Received QualifierCode 5	0
Expected QualifierCode 5	-1
Received EventCode 6	0
Expected EventCode 6	-1
Received QualifierCode 6	0
Expected QualifierCode 6	-1

Type	DUT ISDU Read
Name	Vendor Name
Description	Executes a ISDU Read Service via the DUT
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:28.915
End of execution	2017-06-08 13:30:30.460
Port ID	-1
Index	16
Subindex	0
Data received	
	0x54,0x45,0x43,0x6F,0x6E,0x63,0x65,0x70,0x74,0x20,0x47,0x6D,0x62,0x48,0x20,0x20,0x20,0x20,0x20,0x
Expected data	
Empty data expected	No

Type	GD Prepare state
Name	Monitor stop
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	

Start of execution	2017-06-08 13:30:30.522
End of execution	2017-06-08 13:30:30.772
GD state	GDMonitorModeStop

Test Root : SDCI_TC_0282 (TCM_ALIC_STOR_ULDUPONSTATESWITCH)

Type	Test Root
Name	SDCI_TC_0282 (TCM_ALIC_STOR_ULDUPONSTATESWITCH)
Description	DS Download overwrites Device parameter via port DS ActivationState. Data Storage mechanism of the Master shall store a parameter set 1 of the "Device" when the Activationstate switches between “ACTIV” and “DEACTIVATED”.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:30.787
End of execution	2017-06-08 13:31:04.062

Type	SubFunction Reference
Name	Clear DS
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:30.850
End of execution	2017-06-08 13:30:45.951
Function	Clear DataStorage

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:31.193
End of execution	2017-06-08 13:30:32.706
GD state	GDStandardState

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:32.769
End of execution	2017-06-08 13:30:32.878

Type	DUT Configuration
Name	Clear data storage
Description	Configures the DUT with the predefined default configuration set without DS enabled and with different VID/DID. To be sure that parameter server is cleared.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:32.940
End of execution	2017-06-08 13:30:32.940
Configuration set	default_Sensor_Aktor_VID_DID

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:33.003
End of execution	2017-06-08 13:30:33.003

Type	DUT DEX Stop

Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:33.065
End of execution	2017-06-08 13:30:33.751
Type	DUT Configuration
Name	Data storage
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte, Data storage active).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:33.814
End of execution	2017-06-08 13:30:33.814
Configuration set	default_DataStorage
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:33.876
End of execution	2017-06-08 13:30:33.876
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:30:33.939
End of execution	2017-06-08 13:30:43.065
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:43.127
End of execution	2017-06-08 13:30:43.423
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:43.486
End of execution	2017-06-08 13:30:45.514
Port ID	-1

Port Status	Fallback
Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in NO COM state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:45.576
End of execution	2017-06-08 13:30:45.935
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:46.013
End of execution	2017-06-08 13:30:47.401
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:47.464
End of execution	2017-06-08 13:30:48.025
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_1_V_8REQ

Type	GD ISDU Write
Name	Set DS_UPLOAD_FLAG
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:48.088
End of execution	2017-06-08 13:30:48.337
Response service	0
Index	3
Subindex	2
Data	0x80

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:48.400
End of execution	2017-06-08 13:30:57.526
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:57.588
End of execution	2017-06-08 13:30:57.822
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT DS Activation Status
Name	Off
Description	Sets the DataStorage activation status of the 'PortID' port of the DUT. Precondition: The System data exchange mode must be started (-> CTODUTDataExchangeStart)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:57.885
End of execution	2017-06-08 13:30:57.885
Port ID	-1
Data storage	Off

Type	GD ISDU Write
Name	Clear DS_UPLOAD_FLAG
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:57.947
End of execution	2017-06-08 13:30:58.056
Response service	0
Index	3
Subindex	2
Data	0x00

Type	SubFunction Reference
Name	Prepare DS Set2
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:58.119
End of execution	2017-06-08 13:30:59.445
Function	Prepare DS Set2

Type	GD ISDU Write
Name	0x123 / 0
Description	Executes a ISDU Write Service via the GD

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:58.306
End of execution	2017-06-08 13:30:58.555
Response service	0
Index	291
Subindex	0
Data	0xC3,0x50

Type	GD ISDU Write
Name	0x124 / 1
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:58.618
End of execution	2017-06-08 13:30:58.852
Response service	0
Index	292
Subindex	1
Data	0x7F

Type	GD ISDU Write
Name	0x124 / 2
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:58.914
End of execution	2017-06-08 13:30:59.148
Response service	0
Index	292
Subindex	2
Data	0x80

Type	GD ISDU Write
Name	DS CS
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:59.211
End of execution	2017-06-08 13:30:59.445
Response service	0
Index	3
Subindex	4
Data	0xC3,0x50,0x7F,0x80

Type	GD Prepare state
Name	Monitor ISDU
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:30:59.507
End of execution	2017-06-08 13:30:59.741
GD state	GDMonitorSPDUMode

Type	GD Prepare state
Name	Monitor
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No

Comment	
Start of execution	2017-06-08 13:30:59.803
End of execution	2017-06-08 13:31:00.037
GD state	GDMonitorMode

Type	DUT DS Activation Status
Name	On
Description	Sets the DataStorage activation status of the 'PortID' port of the DUT. Precondition: The System data exchange mode must be started (-> CTODUTDataExchangeStart)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:00.100
End of execution	2017-06-08 13:31:00.100
Port ID	-1
Data storage	On

Type	Check Monitor ISDU
Name	Read DS CS
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:00.162
End of execution	2017-06-08 13:31:02.190
Timeout [ms]	2000
Service	ReadResponse_ok
Index	3
Subindex	4
Data received	0xC3,0x50,0x7F,0x80
Expected data	
Empty data expected	No
Count of received services	2
Minimum received services	1
Maximum received services	2
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	SubFunction Reference
Name	Check DS download sequence
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:02.253
End of execution	2017-06-08 13:31:02.783
Function	Check DS download sequence

Type	Check Monitor ISDU
Name	DS_DownloadStart
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:02.487
End of execution	2017-06-08 13:31:02.487
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x03

Expected data	0x03
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Write 0x123 / 0
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:02.549
End of execution	2017-06-08 13:31:02.549
Timeout [ms]	0
Service	WriteResponse_ok
Index	291
Subindex	0
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Write 0x124 / 1
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:02.611
End of execution	2017-06-08 13:31:02.611
Timeout [ms]	0
Service	WriteResponse_ok
Index	292
Subindex	1
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Write 0x124 / 2
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:02.674
End of execution	2017-06-08 13:31:02.674
Timeout [ms]	0

Service	WriteResponse_ok
Index	292
Subindex	2
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	DS_DownloadStop
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:02.689
End of execution	2017-06-08 13:31:02.689
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x04
Expected data	0x04
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	DS_DownloadStop Response
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:02.705
End of execution	2017-06-08 13:31:02.721
Timeout [ms]	0
Service	WriteResponse_ok
Index	3
Subindex	1
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read CS
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No

Comment	
Start of execution	2017-06-08 13:31:02.783
End of execution	2017-06-08 13:31:02.783
Timeout [ms]	0
Service	ReadRequest_8i_sub
Index	3
Subindex	4
Data received	
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	SubFunction Reference
Name	Verify DS Set1
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:02.845
End of execution	2017-06-08 13:31:03.766
Function	Verify DS Set1

Type	GD ISDU Read
Name	0x123 / 0
Description	Executes a ISDU Read Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:03.001
End of execution	2017-06-08 13:31:03.173
Index	291
Subindex	0
Data received	0x12,0x34
Expected data	0x12,0x34
Empty data expected	No

Type	GD ISDU Read
Name	0x124 / 1
Description	Executes a ISDU Read Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:03.235
End of execution	2017-06-08 13:31:03.469
Index	292
Subindex	1
Data received	0x55
Expected data	0x55
Empty data expected	No

Type	GD ISDU Read
Name	0x124 / 2
Description	Executes a ISDU Read Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:03.532
End of execution	2017-06-08 13:31:03.766
Index	292
Subindex	2
Data received	0xAA
Expected data	0xAA

Empty data expected	No

Type	GD Prepare state
Name	Monitor stop
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:03.828
End of execution	2017-06-08 13:31:04.062
GD state	GDMonitorModeStop

Test Root : SDCI_TC_0283 (TCM_ALIC_STOR_ULDUPONPORTCONFIG)

Type	Test Root
Name	SDCI_TC_0283 (TCM_ALIC_STOR_ULDUPONPORTCONFIG)
Description	Master clears DS after changing port configuration. The Data Storage mechanism of the Master shall clear the parameter set after changing the "Device" identification of the Master port.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:04.125
End of execution	2017-06-08 13:31:46.931

Type	SubFunction Reference
Name	Clear DS
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:04.187
End of execution	2017-06-08 13:31:19.038
Function	Clear DataStorage

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:04.530
End of execution	2017-06-08 13:31:05.997
GD state	GDStandardState

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:06.059
End of execution	2017-06-08 13:31:06.215

Type	DUT Configuration
Name	Clear data storage
Description	Configures the DUT with the predefined default configuration set without DS enabled and with different VID/DID. To be sure that parameter server is cleared.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:06.278
End of execution	2017-06-08 13:31:06.278
Configuration set	default_Sensor_Aktor_VID_DID

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:06.340
End of execution	2017-06-08 13:31:06.340

Type	DUT DEX Stop

Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:06.402
End of execution	2017-06-08 13:31:07.089
Type	DUT Configuration
Name	Data storage
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte, Data storage active).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:07.151
End of execution	2017-06-08 13:31:07.151
Configuration set	default_DataStorage
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:07.214
End of execution	2017-06-08 13:31:07.214
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:31:07.276
End of execution	2017-06-08 13:31:16.402
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:16.464
End of execution	2017-06-08 13:31:16.698
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:16.761
End of execution	2017-06-08 13:31:18.789
Port ID	-1

Port Status	Fallback
Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in NO COM state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:18.851
End of execution	2017-06-08 13:31:19.038
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:19.101
End of execution	2017-06-08 13:31:20.505
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:20.567
End of execution	2017-06-08 13:31:21.129
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_1_V_8REQ

Type	GD ISDU Write
Name	Set DS_UPLOAD_FLAG
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:21.191
End of execution	2017-06-08 13:31:21.441
Response service	0
Index	3
Subindex	2
Data	0x80

Type	GD Prepare state
Name	Monitor ISDU
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:21.503
End of execution	2017-06-08 13:31:21.753
GD state	GDMonitorSPDUMode

Type	GD Prepare state
Name	Monitor
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:21.815
End of execution	2017-06-08 13:31:22.065
GD state	GDMonitorMode

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:22.127
End of execution	2017-06-08 13:31:31.253
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:31.316
End of execution	2017-06-08 13:31:31.550
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	SubFunction Reference
Name	Check DS upload sequence
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:31.612
End of execution	2017-06-08 13:31:32.127
Function	Check DS upload sequence

Type	Check Monitor ISDU
Name	DS_UploadStart
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No

Comment	
Start of execution	2017-06-08 13:31:31.862
End of execution	2017-06-08 13:31:31.862
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x01
Expected data	0x01
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read 0x123 / 0
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:31.924
End of execution	2017-06-08 13:31:31.924
Timeout [ms]	0
Service	ReadResponse_ok
Index	291
Subindex	0
Data received	0x12,0x34
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read 0x124 / 1
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:31.986
End of execution	2017-06-08 13:31:31.986
Timeout [ms]	0
Service	ReadResponse_ok
Index	292
Subindex	1
Data received	0x55
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read 0x124 / 2
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:32.049
End of execution	2017-06-08 13:31:32.049
Timeout [ms]	0
Service	ReadResponse_ok
Index	292
Subindex	2
Data received	0xAA
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read CS
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:32.064
End of execution	2017-06-08 13:31:32.064
Timeout [ms]	0
Service	ReadResponse_ok
Index	3
Subindex	4
Data received	0xAA,0x55,0x34,0x12
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	DS_UploadStop
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:32.127
End of execution	2017-06-08 13:31:32.127
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x02
Expected data	0x02
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	DUT Port Status

Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:32.189
End of execution	2017-06-08 13:31:35.231
Port ID	-1
Port Status	Fallback
Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in NO COM state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:35.294
End of execution	2017-06-08 13:31:35.496
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:35.559
End of execution	2017-06-08 13:31:35.668
Type	DUT Configuration
Name	Clear data storage
Description	Configures the DUT with the predefined default configuration set without DS enabled and with different VID/DID. To be sure that parameter server is cleared.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:35.730
End of execution	2017-06-08 13:31:35.730
Configuration set	default_Sensor_Aktor_VID_DID
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:35.793
End of execution	2017-06-08 13:31:35.793
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:35.855
End of execution	2017-06-08 13:31:36.542
Type	DUT Configuration

Name	Data storage
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte, Data storage active).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:36.604
End of execution	2017-06-08 13:31:36.604
Configuration set	default_DataStorage
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:36.666
End of execution	2017-06-08 13:31:36.666
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:31:36.729
End of execution	2017-06-08 13:31:45.855
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:45.917
End of execution	2017-06-08 13:31:46.136
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Monitor stop
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:46.198
End of execution	2017-06-08 13:31:46.370
GD state	GDMonitorModeStop
Type	SubFunction Reference
Name	Check DS upload sequence
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:46.432
End of execution	2017-06-08 13:31:46.931

Function	Check DS upload sequence

Type	Check Monitor ISDU
Name	DS_UploadStart
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:46.650
End of execution	2017-06-08 13:31:46.666
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1
Data received	0x01
Expected data	0x01
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read 0x123 / 0
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:46.682
End of execution	2017-06-08 13:31:46.682
Timeout [ms]	0
Service	ReadResponse_ok
Index	291
Subindex	0
Data received	0x12,0x34
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read 0x124 / 1
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:46.744
End of execution	2017-06-08 13:31:46.744
Timeout [ms]	0
Service	ReadResponse_ok
Index	292
Subindex	1
Data received	0x55
Expected data	
Empty data expected	No
Count of received services	1

Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read 0x124 / 2
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:46.806
End of execution	2017-06-08 13:31:46.806
Timeout [ms]	0
Service	ReadResponse_ok
Index	292
Subindex	2
Data received	0xAA
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	Read CS
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:46.869
End of execution	2017-06-08 13:31:46.869
Timeout [ms]	0
Service	ReadResponse_ok
Index	3
Subindex	4
Data received	0xAA,0x55,0x34,0x12
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes

Type	Check Monitor ISDU
Name	DS_UploadStop
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:46.931
End of execution	2017-06-08 13:31:46.931
Timeout [ms]	0
Service	WriteRequest_8i_sub
Index	3
Subindex	1

Data received	0x02
Expected data	0x02
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes

Test Root : SDCI_TC_0284 (TCM_ALIC_STOR_CONSISTENCYCHECK)

Type	Test Root
Name	SDCI_TC_0284 (TCM_ALIC_STOR_CONSISTENCYCHECK)
Description	My Test Root Description
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:46.947
End of execution	2017-06-08 13:32:27.647

Type	SubFunction Reference
Name	Clear DS
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:47.025
End of execution	2017-06-08 13:32:01.751
Function	Clear DataStorage

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:47.337
End of execution	2017-06-08 13:31:48.710
GD state	GDStandardState

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:48.772
End of execution	2017-06-08 13:31:48.897

Type	DUT Configuration
Name	Clear data storage
Description	Configures the DUT with the predefined default configuration set without DS enabled and with different VID/DID. To be sure that parameter server is cleared.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:48.959
End of execution	2017-06-08 13:31:48.959
Configuration set	default_Sensor_Aktor_VID_DID

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:49.022
End of execution	2017-06-08 13:31:49.022

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:49.084
End of execution	2017-06-08 13:31:49.770
Type	DUT Configuration
Name	Data storage
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte, Data storage active).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:49.833
End of execution	2017-06-08 13:31:49.833
Configuration set	default_DataStorage
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:49.895
End of execution	2017-06-08 13:31:49.895
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:31:49.958
End of execution	2017-06-08 13:31:59.084
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:59.146
End of execution	2017-06-08 13:31:59.411
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:31:59.474
End of execution	2017-06-08 13:32:01.502
Port ID	-1
Port Status	Fallback
Type	GD Get operation status

Name	NO COM
Description	Wait till the GD is in NO COM state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:32:01.564
End of execution	2017-06-08 13:32:01.751
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:32:01.814
End of execution	2017-06-08 13:32:03.218
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:32:03.280
End of execution	2017-06-08 13:32:03.842
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_1_V_8REQ

Type	GD Prepare state
Name	Monitor ISDU
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:32:03.904
End of execution	2017-06-08 13:32:04.154
GD state	GDMonitorSPDUMode

Type	GD ISDU Write
Name	Set DS_UPLOAD_FLAG
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:32:04.216
End of execution	2017-06-08 13:32:04.466
Response service	0
Index	3
Subindex	2
Data	0x80
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:32:04.528
End of execution	2017-06-08 13:32:13.654
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:32:13.716
End of execution	2017-06-08 13:32:13.950
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:32:14.013
End of execution	2017-06-08 13:32:17.055
Port ID	-1
Port Status	Fallback
Type	GD Get operation status
Name	NO COM
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:32:17.117
End of execution	2017-06-08 13:32:17.304
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Configuration
Name	Change DID
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2)

	1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:32:17.367
End of execution	2017-06-08 13:32:17.850
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x001122
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	No
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_1_V_8REQ
Type	GD ISDU Write
Name	Clear DS_UPLOAD_FLAG
Description	Executes a ISDU Write Service via the GD
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:32:17.913
End of execution	2017-06-08 13:32:18.147
Response service	0
Index	3
Subindex	2
Data	0x00
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:32:18.209
End of execution	2017-06-08 13:32:27.335
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	PREOPERATE
Description	Wait till the GD is in PREOPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:32:27.398
End of execution	2017-06-08 13:32:27.585
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	PREOPERATE
Received GD IOL status	PREOPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	DUT Event Wait
Name	DS error
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	

Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:32:27.647
End of execution	2017-06-08 13:32:27.647
Wait time [ms]	1000
Expected Port ID	-2
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	-1
Expected alt. System Event	0x001B
Expected alt. System Event (raw data)	
Received DUT event	System Event: Port 1, Code 0x0000001B

Test Root : SDCI_TC_0285 (TCM_LGCY_MANY_DETECTANDCONNECT)

Type	Test Root
Name	SDCI_TC_0285 (TCM_LGCY_MANY_DETECTANDCONNECT)
Description	Master detects legacy Device and establishes connection. This test checks the compatibility of the startup phase between the V1.1 Master and a V1.0 Device. The Master shall detect that a V1.0 Device is connected, and shall adjust its startup behavior.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:00:31.686
End of execution	2017-06-08 13:01:03.604

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:00:31.749
End of execution	2017-06-08 13:00:44.634
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:00:31.983
End of execution	2017-06-08 13:00:34.323
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:00:34.385
End of execution	2017-06-08 13:00:34.947
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:00:35.009
End of execution	2017-06-08 13:00:35.025

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:00:35.087
End of execution	2017-06-08 13:00:35.118
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:00:35.181
End of execution	2017-06-08 13:00:35.181

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:00:35.243
End of execution	2017-06-08 13:00:44.385
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:00:44.447
End of execution	2017-06-08 13:00:44.634
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:00:44.697
End of execution	2017-06-08 13:00:48.753
Port ID	-1
Port Status	Fallback

Type	GD Get operation status
Name	NO_COM

Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:00:48.815
End of execution	2017-06-08 13:00:48.987
Timeout [ms]	4000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:00:49.049
End of execution	2017-06-08 13:00:50.594
GD state	GDStandardState
Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:00:50.656
End of execution	2017-06-08 13:00:51.218
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_0
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	No
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:00:51.280
End of execution	2017-06-08 13:00:51.514
GD state	GDMonitorMode
Type	GD Prepare state
Name	Log ISDU
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:00:51.576
End of execution	2017-06-08 13:00:51.826
GD state	GDMonitorSPDUMode
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:00:51.888
End of execution	2017-06-08 13:01:01.014
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:01.077
End of execution	2017-06-08 13:01:01.342
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	Check Monitor frame
Name	No MasterIdent
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:01.404
End of execution	2017-06-08 13:01:01.451
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x99
Expected data	0x95
Minimum received frames	0
Maximum received frames	0
Stop search after max. count frames	No
Count of received frames	0
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No
Type	SubFunction Reference
Name	Check: Read communicaton parameter
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:01:01.514
End of execution	2017-06-08 13:01:02.044
Function	Check: Read communicaton parameter

Type	Check Monitor frame
Name	Address 2
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:01.732
End of execution	2017-06-08 13:01:01.732
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	0x28
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 2 (Additional)
Description	Additional read of adrdress 0x02 generates a warning
State	Successful
State info	
Expected result	DontCareWarning
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:01.794
End of execution	2017-06-08 13:01:01.794
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	
Expected data	
Minimum received frames	0
Maximum received frames	0
Stop search after max. count frames	Yes
Count of received frames	0
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 3
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	

Start of execution	2017-06-08 13:01:01.857
End of execution	2017-06-08 13:01:01.857
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	3
Used frame type	FrameType0
Data received	0x01
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 4
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:01.919
End of execution	2017-06-08 13:01:01.919
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	4
Used frame type	FrameType0
Data received	0x10
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 5
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:01.982
End of execution	2017-06-08 13:01:01.982
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	5
Used frame type	FrameType0
Data received	0x08
Expected data	
Minimum received frames	1
Maximum received frames	1

Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 6
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:02.044
End of execution	2017-06-08 13:01:02.044
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	6
Used frame type	FrameType0
Data received	0x08
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	SubFunction Reference
Name	Check: Read VID DID
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:02.106
End of execution	2017-06-08 13:01:02.559
Function	Check: Read VID DID

Type	Check Monitor frame
Name	Address 7
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:02.309
End of execution	2017-06-08 13:01:02.309
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	7
Used frame type	FrameType0
Data received	0x01
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1

Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 8
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:02.372
End of execution	2017-06-08 13:01:02.372
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	8
Used frame type	FrameType0
Data received	0x4E
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 9
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:02.434
End of execution	2017-06-08 13:01:02.434
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	9
Used frame type	FrameType0
Data received	0x4D
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address A
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No

Comment	
Start of execution	2017-06-08 13:01:02.496
End of execution	2017-06-08 13:01:02.496
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	10
Used frame type	FrameType0
Data received	0x47
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address B
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:02.559
End of execution	2017-06-08 13:01:02.559
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	11
Used frame type	FrameType0
Data received	0x44
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	WRITE MasterCycleTime
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:02.621
End of execution	2017-06-08 13:01:02.621
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	1
Used frame type	FrameType0
Data received	0x28
Expected data	
Minimum received frames	1

Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Operate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:02.684
End of execution	2017-06-08 13:01:02.684
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x99
Expected data	0x99
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	Yes

Type	Check Monitor frame
Name	Check frame type 2.5
Description	
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:02.746
End of execution	2017-06-08 13:01:03.339
Timeout [ms]	500
Expected frame status	Ok
Source	Master
ReadWrite mode	DontCare
Used data channel	DontCare
Address	-1
Used frame type	FrameType2_5
Data received	0x00
Expected data	
Minimum received frames	100
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	2261
Expected position (latest)	-1
Clear receive queue	Yes
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read serial no
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:01:03.401
End of execution	2017-06-08 13:01:03.432
Timeout [ms]	0
Service	ReadResponse_ok
Index	21
Subindex	0
Data received	
	0x30,0x31,0x32,0x33,0x34,0x35,0x36,0x37,0x38,0x39,0x41,0x42,0x43,0x44,0x45,0x46
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	-1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	GD Prepare state
Name	Monitor stop
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:03.495
End of execution	2017-06-08 13:01:03.604
GD state	GDMonitorModeStop

Test Root : SDCI_TC_0286 (TCM_LGCY_MANY_DETECTANDINTERLEAVE)

Type	Test Root
Name	SDCI_TC_0286 (TCM_LGCY_MANY_DETECTANDINTERLEAVE)
Description	Master detects legacy Device and establishes interleave mode. This test checks the compatibility of the startup phase between the V1.1 Master and a V1.0 Device which is using F-sequence TYPE_1 in interleave mode. The Master shall detect that a V1.0 Device is connected, and shall adjust its startup behavior.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:03.666
End of execution	2017-06-08 13:01:34.164

Type	SubFunction Reference
Name	Startup default SensorAktor
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:03.729
End of execution	2017-06-08 13:01:15.990
Function	Startup default SensorAktor

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:03.963
End of execution	2017-06-08 13:01:05.476
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:05.538
End of execution	2017-06-08 13:01:06.100
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_1
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:06.162
End of execution	2017-06-08 13:01:06.256

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:06.318
End of execution	2017-06-08 13:01:06.318
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:06.381
End of execution	2017-06-08 13:01:06.381

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:01:06.443
End of execution	2017-06-08 13:01:15.569
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:15.632
End of execution	2017-06-08 13:01:15.990
Timeout [ms]	20000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	DUT Port Status
Name	Fallback
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:16.053
End of execution	2017-06-08 13:01:19.095
Port ID	-1
Port Status	Fallback

Type	GD Get operation status
Name	NO_COM

Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:19.157
End of execution	2017-06-08 13:01:19.344
Timeout [ms]	4000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	NO_COM
Received GD IOL status	NO_COM
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:19.407
End of execution	2017-06-08 13:01:20.951
GD state	GDStandardState
Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:21.014
End of execution	2017-06-08 13:01:21.575
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_0
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	48
PD Out Length [Bit]	0
SIO mode supported	No
ISDU supported	Yes
Operate Frame type	VALUE_1
PreOperate Frame type	TYPE_0
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:21.638
End of execution	2017-06-08 13:01:21.872
GD state	GDMonitorMode
Type	GD Prepare state
Name	Log ISDU
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:21.934
End of execution	2017-06-08 13:01:22.184
GD state	GDMonitorSPDUMode
Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:22.246
End of execution	2017-06-08 13:01:22.355
Type	DUT Configuration
Name	6Byte Sensor 0Byte Aktor
Description	Configures the DUT with the predefined default configuration set. Interleaved mode!
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:22.418
End of execution	2017-06-08 13:01:22.418
Configuration set	default_6ByteSensor_0ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:22.480
End of execution	2017-06-08 13:01:22.480
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:01:22.542
End of execution	2017-06-08 13:01:31.668
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:31.731
End of execution	2017-06-08 13:01:31.902
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	Check Monitor frame
Name	No MasterIdent
Description	Checks the communicated IOL frames between DUT and GD..

	A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:31.965
End of execution	2017-06-08 13:01:31.965
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x99
Expected data	0x95
Minimum received frames	0
Maximum received frames	0
Stop search after max. count frames	No
Count of received frames	0
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	SubFunction Reference
Name	Check: Read communicaton parameter
Description	Reference to the sub function
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:32.027
End of execution	2017-06-08 13:01:32.558
Function	Check: Read communicaton parameter

Type	Check Monitor frame
Name	Address 2
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:32.246
End of execution	2017-06-08 13:01:32.246
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	0x28
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 2 (Additional)
Description	Additional read of adrdress 0x02 generates a warning
State	Successful
State info	

Expected result	DontCareWarning
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:32.308
End of execution	2017-06-08 13:01:32.308
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	2
Used frame type	FrameType0
Data received	
Expected data	
Minimum received frames	0
Maximum received frames	0
Stop search after max. count frames	Yes
Count of received frames	0
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 3
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:32.370
End of execution	2017-06-08 13:01:32.370
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	3
Used frame type	FrameType0
Data received	0x03
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 4
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:32.433
End of execution	2017-06-08 13:01:32.433
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	4
Used frame type	FrameType0
Data received	0x10

Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 5
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:32.495
End of execution	2017-06-08 13:01:32.495
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	5
Used frame type	FrameType0
Data received	0x85
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 6
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:32.558
End of execution	2017-06-08 13:01:32.558
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	6
Used frame type	FrameType0
Data received	0x00
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	SubFunction Reference
Name	Check: Read VID DID
Description	Reference to the sub function
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:32.620
End of execution	2017-06-08 13:01:33.057
Function	Check: Read VID DID

Type	Check Monitor frame
Name	Address 7
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:32.807
End of execution	2017-06-08 13:01:32.807
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	7
Used frame type	FrameType0
Data received	0x01
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 8
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:32.870
End of execution	2017-06-08 13:01:32.870
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	8
Used frame type	FrameType0
Data received	0x4E
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address 9
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:32.932
End of execution	2017-06-08 13:01:32.932
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	9
Used frame type	FrameType0
Data received	0x4D
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address A
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:32.994
End of execution	2017-06-08 13:01:32.994
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	10
Used frame type	FrameType0
Data received	0x47
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Address B
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:33.057
End of execution	2017-06-08 13:01:33.057
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ParameterData
Address	11
Used frame type	FrameType0

Data received	0x44
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	Yes
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	WRITE MasterCycleTime
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:33.119
End of execution	2017-06-08 13:01:33.135
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	1
Used frame type	FrameType0
Data received	0x28
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Operate
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:33.197
End of execution	2017-06-08 13:01:33.213
Timeout [ms]	10
Expected frame status	Ok
Source	Master
ReadWrite mode	Write
Used data channel	ParameterData
Address	0
Used frame type	FrameType0
Data received	0x99
Expected data	0x99
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	Check Monitor frame
Name	Check frame type 1.1
Description	

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:33.275
End of execution	2017-06-08 13:01:33.852
Timeout [ms]	500
Expected frame status	Ok
Source	Master
ReadWrite mode	DontCare
Used data channel	DontCare
Address	-1
Used frame type	FrameType1_1
Data received	
Expected data	
Minimum received frames	100
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	2315
Expected position (latest)	-1
Clear receive queue	Yes
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Type	Check Monitor ISDU
Name	Read serial no
Description	Checks the communicated ISDU services between DUT and GD. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorSPDUMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:33.915
End of execution	2017-06-08 13:01:33.915
Timeout [ms]	0
Service	ReadResponse_ok
Index	21
Subindex	0
Data received	0x30,0x31,0x32,0x33,0x34,0x35,0x36,0x37,0x38,0x39,0x41,0x42,0x43,0x44,0x45,0x46
Expected data	
Empty data expected	No
Count of received services	1
Minimum received services	1
Maximum received services	-1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	No

Type	GD Prepare state
Name	Monitor stop
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:33.977
End of execution	2017-06-08 13:01:34.164
GD state	GDMonitorModeStop

Test Root : SDCI_TC_0287 (TCM_ALIC_EVNT_NODETAILSWARNING)

Type	Test Root
Name	SDCI_TC_0287 (TCM_ALIC_EVNT_NODETAILSWARNING)
Description	Master receives an Event without details. Master receives Event without details (StatusCode type 1, warning). Master extracts the EventCode (type 1), maps it accordingly into StatusCode (type 2) and transfers it to the upper level system. Similarly, the StatusCode indicates with 1 bit the validity of the Process Data. The Master shall read this information as soon as possible to indicate the actual state of the Process Data to the upper system. The Master ac-knowledges the Event; the Master-Tester ("Device") resets the Event flag.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:34.227
End of execution	2017-06-08 13:01:48.984

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:34.289
End of execution	2017-06-08 13:01:35.834
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:35.896
End of execution	2017-06-08 13:01:36.458
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_0
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	3000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:36.520
End of execution	2017-06-08 13:01:36.707

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor

Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:36.770
End of execution	2017-06-08 13:01:36.770
Configuration set	default_1ByteSensor_1ByteAktor
Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:36.832
End of execution	2017-06-08 13:01:36.832
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:36.894
End of execution	2017-06-08 13:01:36.894
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:36.957
End of execution	2017-06-08 13:01:46.083
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	OPERATE
Description	Wait till the GD is in OPERATE state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:46.145
End of execution	2017-06-08 13:01:46.348
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:46.410
End of execution	2017-06-08 13:01:46.582
GD state	GDMonitorMode

Type	GD Write diagnostic channel
Name	Event without details
Description	Set the 'Device Warning' event without details. The test object triggers the GD to set the event flag.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:46.644
End of execution	2017-06-08 13:01:47.284
StatusCode	0x02
EventCode 1	-1
QualifierCode 1	-1
EventCode 2	-1
QualifierCode 2	-1
EventCode 3	-1
QualifierCode 3	-1
EventCode 4	-1
QualifierCode 4	-1
EventCode 5	-1
QualifierCode 5	-1
EventCode 6	-1
QualifierCode 6	-1
Set event flag	Yes

Type	Wait
Name	
Description	For Event handling
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:47.346
End of execution	2017-06-08 13:01:48.360
Wait time [ms]	1000

Type	GD Read diagnostic channel
Name	Check acknowledged event
Description	Reads data from the diagnostic channel and verify the previous notified event is acknowledged by the DUT. As result of the acknowledge the status code shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:48.423
End of execution	2017-06-08 13:01:48.594
Received StatusCode	0
Expected StatusCode	0
Received EventCode 1	0
Expected EventCode 1	-1
Received QualifierCode 1	0
Expected QualifierCode 1	-1
Received EventCode 2	0
Expected EventCode 2	-1
Received QualifierCode 2	0
Expected QualifierCode 2	-1
Received EventCode 3	0
Expected EventCode 3	-1
Received QualifierCode 3	0
Expected QualifierCode 3	-1
Received EventCode 4	0
Expected EventCode 4	-1
Received QualifierCode 4	0
Expected QualifierCode 4	-1
Received EventCode 5	0
Expected EventCode 5	-1
Received QualifierCode 5	0
Expected QualifierCode 5	-1
Received EventCode 6	0

Expected EventCode 6	-1
Received QualifierCode 6	0
Expected QualifierCode 6	-1
Type	Check Monitor frame
Name	Read event information
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:48.610
End of execution	2017-06-08 13:01:48.610
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Read
Used data channel	DiagnosticData
Address	0
Used frame type	DontCare
Data received	0x00
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No
Type	Check Monitor frame
Name	Acknowledge event
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:48.672
End of execution	2017-06-08 13:01:48.672
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Write
Used data channel	DiagnosticData
Address	0
Used frame type	DontCare
Data received	0x00
Expected data	
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	6
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No
Type	GD Prepare state
Name	Monitor stop
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:48.735
End of execution	2017-06-08 13:01:48.891

GD state	GDMonitorModeStop
Type	DUT Event Wait
Name	Device Warning
Description	Waits till the 'Device warning' event from the GD via the DUT occurs or a timeout elapsed. A possible conversion into a system-specific code can take place. Qualifier: Instance = Application; Type = Warning; Mode = Single Shot.
State	Successful
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:01:48.953
End of execution	2017-06-08 13:01:48.969
Wait time [ms]	0
Expected Port ID	-1
Expected Event Code	0xFF80
Expected Event Qualifier	0x64
Expected Error Code	-1
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	IOL Event: Port 1, Qualifier 0x64, Code 0xFF80

Test Root : SDCI_TC_0288 (TCM_LGCY_MANY_IDLEAFTERISDU)

Type	Test Root
Name	SDCI_TC_0288 (TCM_LGCY_MANY_IDLEAFTERISDU)
Description	Master sends ISDU service "Idle" after an accomplished ISDU service. After completion of an ISDU command, the Master shall transmit at least one IDLE command to the Device as an acknowledgment of the ISDU service.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:49.047
End of execution	2017-06-08 13:02:19.966

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:49.109
End of execution	2017-06-08 13:01:50.763
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime: Slowest (0xBF) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:50.825
End of execution	2017-06-08 13:01:51.387
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_0
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	132800
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:51.449
End of execution	2017-06-08 13:01:51.621

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:51.683
End of execution	2017-06-08 13:01:51.683
Configuration set	default_1ByteSensor_1ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:01:51.746
End of execution	2017-06-08 13:01:51.746
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:01:51.808
End of execution	2017-06-08 13:02:00.934
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:00.996
End of execution	2017-06-08 13:02:01.293
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	PDU_RESPONSE
Type	Wait
Name	
Description	My Wait Description
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:01.355
End of execution	2017-06-08 13:02:11.495
Wait time [ms]	10000
Type	GD Prepare state
Name	Log frames
Description	Prepares the GD to monitor all IO-Link frames. The GD sends the result to the logging interface.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:11.558
End of execution	2017-06-08 13:02:11.870
GD state	GDMonitorMode
Type	GD ISDU Write
Name	AppSpecTag
Description	Executes a ISDU Write Service via the GD

State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:11.932
End of execution	2017-06-08 13:02:12.306
Response service	0
Index	24
Subindex	0
Data	0xAA
Type	DUT ISDU Read
Name	AppSpecTag
Description	Executes a ISDU Read Service via the DUT
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:12.369
End of execution	2017-06-08 13:02:14.958
Port ID	-1
Index	24
Subindex	0
Data received	0xAA
Expected data	
Empty data expected	No
Type	DUT ISDU Read
Name	Read serial no
Description	Executes a ISDU Read Service via the DUT
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:15.021
End of execution	2017-06-08 13:02:19.654
Port ID	-1
Index	21
Subindex	0
Data received	0x30,0x31,0x32,0x33,0x34,0x35,0x36,0x37,0x38,0x39,0x41,0x42,0x43,0x44,0x45,0x46
Expected data	
Empty data expected	No
Type	Check Monitor frame
Name	Read ISDU Last byte of AppSpecTag
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:19.716
End of execution	2017-06-08 13:02:19.716
Timeout [ms]	0
Expected frame status	Ok
Source	Device
ReadWrite mode	Read
Used data channel	ServiceSPDU
Address	2
Used frame type	DontCare
Data received	0x79,0x00
Expected data	0x79,0x00
Minimum received frames	1
Maximum received frames	1
Stop search after max. count frames	No
Count of received frames	1

Expected position (latest)	-1
Clear receive queue	No
Clear receive queue up to found item	Yes
Clear ISDU receive queue up to found item	No

Type	GD Prepare state
Name	Monitor stop
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:19.779
End of execution	2017-06-08 13:02:19.904
GD state	GDMonitorModeStop

Type	Check Monitor frame
Name	ISDU IDLE
Description	Checks the communicated IOL frames between DUT and GD.. A precondition for this TO is the activation of the logging mode of the GD (CGDPrepareState: GDMonitorMode)
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:19.966
End of execution	2017-06-08 13:02:19.966
Timeout [ms]	0
Expected frame status	Ok
Source	Master
ReadWrite mode	Read
Used data channel	ServiceSPDU
Address	17
Used frame type	DontCare
Data received	0x00
Expected data	
Minimum received frames	1
Maximum received frames	-1
Stop search after max. count frames	No
Count of received frames	1
Expected position (latest)	0
Clear receive queue	No
Clear receive queue up to found item	No
Clear ISDU receive queue up to found item	No

Test Root : SDCI_TC_0289 (TCM_LGCY_MANY_EVENTINTERRUPTSISDU)

Type	Test Root
Name	SDCI_TC_0289 (TCM_LGCY_MANY_EVENTINTERRUPTSISDU)
Description	ISDU Write interrupted by an Event leads to write error. According to [13] the legacy "Device" can cancel an ongoing ISDU transfer via an Event. This Event shall lead to a Read error or Write error on the Master side.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:20.028
End of execution	2017-06-08 13:02:44.973

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:20.091
End of execution	2017-06-08 13:02:21.573
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:21.635
End of execution	2017-06-08 13:02:22.197
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_0
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:22.259
End of execution	2017-06-08 13:02:22.446

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:22.509
End of execution	2017-06-08 13:02:22.509
Configuration set	default_1ByteSensor_1ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:22.571
End of execution	2017-06-08 13:02:22.571
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:02:22.634
End of execution	2017-06-08 13:02:31.760
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:31.822
End of execution	2017-06-08 13:02:32.087
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	Wait
Name	
Description	My Wait Description
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:32.150
End of execution	2017-06-08 13:02:42.290
Wait time [ms]	10000
Type	GD Prepare state
Name	Monitor ISDU
Description	
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:42.352
End of execution	2017-06-08 13:02:42.461
GD state	GDMonitorSPDUMode
Type	GD Prepare state
Name	Monitor
Description	
State	Successful

State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:42.524
End of execution	2017-06-08 13:02:42.758
GD state	GDMonitorMode
Type	GD Write diagnostic channel
Name	Event with details
Description	Set the 'Parameter Error' event without details.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:42.820
End of execution	2017-06-08 13:02:43.163
StatusCode	0x81
EventCode 1	0x5200
QualifierCode 1	0x72
EventCode 2	-1
QualifierCode 2	-1
EventCode 3	-1
QualifierCode 3	-1
EventCode 4	-1
QualifierCode 4	-1
EventCode 5	-1
QualifierCode 5	-1
EventCode 6	-1
QualifierCode 6	-1
Set event flag	No
Type	GD Prepare state
Name	Event while ISDU
Description	Prepare the GD to set the event flag while ISDU write request. Precondition: Event data must set (by CTOGDDiagDataChWrite).
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:43.179
End of execution	2017-06-08 13:02:43.460
GD state	GDEventWhileSPDUReqState
Type	DUT ISDU Write
Name	Application Specific Name -> must fail
Description	Executes a ISDU write service to parameter 'Application Specific Name'.
State	Successful
State info	Error expected as configured. -> set successful state!
Expected result	Error
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:43.522
End of execution	2017-06-08 13:02:44.677
Port ID	-1
Index	24
Subindex	0
Data	0x30,0x31,0x32,0x33,0x34,0x35,0x36,0x37,0x38,0x39
Type	DUT Event Wait
Name	VAL_LENOVRRUN
Description	Waits till a defined event from the GD via the DUT occurs or a timeout elapsed.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:44.739
End of execution	2017-06-08 13:02:44.739
Wait time [ms]	1000
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1

Expected Error Code	0x8033
Expected alt. System Event	0x00A2
Expected alt. System Event (raw data)	
Received DUT event	IOL Error: Port 1, Code 0x8033
Type	GD Prepare state
Name	Monitor stop
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:44.755
End of execution	2017-06-08 13:02:44.973
GD state	GDMonitorModeStop

Test Root : SDCI_TC_0290 (TCM_LGCY_MANY_PDINVALIDEVENT)

Type	Test Root
Name	SDCI_TC_0290 (TCM_LGCY_MANY_PDINVALIDEVENT)
Description	Master transforms PD_invalid Event into appropriate propagation. Master transforms a "PD invalid" Event from a legacy "Device" into an appropriate propagation form
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:45.035
End of execution	2017-06-08 13:03:12.491

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:45.098
End of execution	2017-06-08 13:02:46.642
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:46.705
End of execution	2017-06-08 13:02:47.266
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_0
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:47.329
End of execution	2017-06-08 13:02:47.407

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:47.469
End of execution	2017-06-08 13:02:47.469
Configuration set	default_1ByteSensor_1ByteAktor

Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:47.531
End of execution	2017-06-08 13:02:47.531

Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:02:47.594
End of execution	2017-06-08 13:02:56.720
Port ID	-1
Port Status	ScanMode

Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:56.782
End of execution	2017-06-08 13:02:56.954
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0

Type	Wait
Name	
Description	My Wait Description
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:02:57.016
End of execution	2017-06-08 13:03:07.156
Wait time [ms]	10000

Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:03:07.219
End of execution	2017-06-08 13:03:07.219

Type	GD Write diagnostic channel
Name	Event without details
Description	Set the PD invalid bit.
State	Successful
State info	

Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:03:07.281
End of execution	2017-06-08 13:03:07.936
StatusCode	0x40
EventCode 1	-1
QualifierCode 1	-1
EventCode 2	-1
QualifierCode 2	-1
EventCode 3	-1
QualifierCode 3	-1
EventCode 4	-1
QualifierCode 4	-1
EventCode 5	-1
QualifierCode 5	-1
EventCode 6	-1
QualifierCode 6	-1
Set event flag	Yes

Type	Wait
Name	
Description	Wait some time
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:03:07.999
End of execution	2017-06-08 13:03:12.055
Wait time [ms]	4000

Type	DUT Event Wait
Name	
Description	Waits for an (optional) error
State	Deactivated
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	0001-01-01 00:00:00.000
End of execution	0001-01-01 00:00:00.000
Wait time [ms]	0
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	-1
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	

Type	DUT Check PD Valid state
Name	Check PD Valid state of DUT
Description	Check PD Valid state of DUT either by asking the user or reads automatic via DUT IF Dll if implemented.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:03:12.117
End of execution	2017-06-08 13:03:12.133
Information source	DUTIF
Port ID	-1
Expected result	PDINVALID
Result	PDINVALID

Type	GD Read diagnostic channel
Name	Check acknowledged event
Description	Reads data from the diagnostic channel and verify the previous notified event is acknowledged by the DUT. As result of the acknowledge the status code shall be 0.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:03:12.195
End of execution	2017-06-08 13:03:12.491
Received StatusCode	0
Expected StatusCode	0
Received EventCode 1	0
Expected EventCode 1	-1
Received QualifierCode 1	0
Expected QualifierCode 1	-1
Received EventCode 2	0
Expected EventCode 2	-1
Received QualifierCode 2	0
Expected QualifierCode 2	-1
Received EventCode 3	0
Expected EventCode 3	-1
Received QualifierCode 3	0
Expected QualifierCode 3	-1
Received EventCode 4	0
Expected EventCode 4	-1
Received QualifierCode 4	0
Expected QualifierCode 4	-1
Received EventCode 5	0
Expected EventCode 5	-1
Received QualifierCode 5	0
Expected QualifierCode 5	-1
Received EventCode 6	0
Expected EventCode 6	-1
Received QualifierCode 6	0
Expected QualifierCode 6	-1

Test Root : SDCI_TC_0291 (TCM_LGCY_MANY_PDVALIDBEHAVIOR)

Type	Test Root
Name	SDCI_TC_0291 (TCM_LGCY_MANY_PDVALIDBEHAVIOR)
Description	Master acknowledges PD_valid Event and propagates PD. Test if Master acknowledges PD_valid Event and propagates PD correctly.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:03:12.554
End of execution	2017-06-08 13:03:44.908

Type	GD Prepare state
Name	Standard
Description	Sets the GD in the default state.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:03:12.616
End of execution	2017-06-08 13:03:14.161
GD state	GDStandardState

Type	GD Configuration
Name	
Description	Configure the GD: COM2 MinCycleTime 4ms (important: 4ms is fastest time for COM2) 1Byte Sensor, 1 Byte Aktor no SIO, ISDU supported
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:03:14.223
End of execution	2017-06-08 13:03:14.785
Baudrate	GDBaudrate38K4
IOL Revision	REV_1_0
Revision ID changeable	No
Device ID changeable	No
Vendor ID	0x0000
Device ID	0x000000
Function ID	0x0000
Min cycle time [µs]	4000
PD In Length [Bit]	8
PD Out Length [Bit]	8
SIO mode supported	Yes
ISDU supported	Yes
Operate Frame type	VALUE_0
PreOperate Frame type	TYPE_0

Type	DUT DEX Stop
Name	
Description	Stops the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:03:14.847
End of execution	2017-06-08 13:03:14.987

Type	DUT Configuration
Name	1Byte Sensor 1Byte Aktor
Description	Configures the DUT with the predefined default configuration set (Process data in and output length is 1 Byte).
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:03:15.003
End of execution	2017-06-08 13:03:15.019
Configuration set	default_1ByteSensor_1ByteAktor
Type	DUT DEX Start
Name	
Description	Starts the data exchange mode of the system.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:03:15.081
End of execution	2017-06-08 13:03:15.081
Type	DUT Port Status
Name	ScanMode
Description	Sets the port status of the PortID port of the DUT.
State	Successful
State info	
Expected result	DontCare
Optional step	Yes
Comment	
Start of execution	2017-06-08 13:03:15.143
End of execution	2017-06-08 13:03:24.269
Port ID	-1
Port Status	ScanMode
Type	GD Get operation status
Name	Operate
Description	Get's the operation status of the GD.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:03:24.332
End of execution	2017-06-08 13:03:24.675
Timeout [ms]	10000
Expected GD state	DontCare
Received GD status	GDCONFORMANCE
Expected GD IOL status	OPERATE
Received GD IOL status	OPERATE
Expected GD IOLSH status	DontCare
Received GD IOLSH status	0
Type	Wait
Name	
Description	My Wait Description
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:03:24.737
End of execution	2017-06-08 13:03:34.877
Wait time [ms]	10000
Type	DUT Clear Events
Name	
Description	Clear's all events received and queued from the DUT.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:03:34.940
End of execution	2017-06-08 13:03:34.940
Type	GD Write diagnostic channel
Name	Event without details
Description	Set the PD invalid bit.
State	Successful
State info	
Expected result	Successful

Optional step	No
Comment	
Start of execution	2017-06-08 13:03:35.002
End of execution	2017-06-08 13:03:35.673
StatusCode	0x40
EventCode 1	-1
QualifierCode 1	-1
EventCode 2	-1
QualifierCode 2	-1
EventCode 3	-1
QualifierCode 3	-1
EventCode 4	-1
QualifierCode 4	-1
EventCode 5	-1
QualifierCode 5	-1
EventCode 6	-1
QualifierCode 6	-1
Set event flag	Yes

Type	Wait
Name	
Description	My Wait Description
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:03:35.735
End of execution	2017-06-08 13:03:39.791
Wait time [ms]	4000

Type	DUT Event Wait
Name	
Description	Waits for an (optional) error
State	Deactivated
State info	
Expected result	Successful
Optional step	Yes
Comment	
Start of execution	0001-01-01 00:00:00.000
End of execution	0001-01-01 00:00:00.000
Wait time [ms]	0
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	-1
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	

Type	DUT Check PD Valid state
Name	Check PD Valid state of DUT
Description	Check PD Valid state of DUT either by asking the user or reads automatic via DUT IF Dll if implemented.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:03:39.854
End of execution	2017-06-08 13:03:39.854
Information source	DUTIF
Port ID	-1
Expected result	PDINVALID
Result	PDINVALID

Type	GD Read diagnostic channel
Name	Check acknowledged event
Description	Reads data from the diagnostic channel and verify the previous notified event is acknowledged by the DUT. As result of the acknowledge the status code shall be 0.
State	Successful
State info	
Expected result	Successful
Optional step	No

Comment	
Start of execution	2017-06-08 13:03:39.916
End of execution	2017-06-08 13:03:40.025
Received StatusCode	0
Expected StatusCode	0
Received EventCode 1	0
Expected EventCode 1	-1
Received QualifierCode 1	0
Expected QualifierCode 1	-1
Received EventCode 2	0
Expected EventCode 2	-1
Received QualifierCode 2	0
Expected QualifierCode 2	-1
Received EventCode 3	0
Expected EventCode 3	-1
Received QualifierCode 3	0
Expected QualifierCode 3	-1
Received EventCode 4	0
Expected EventCode 4	-1
Received QualifierCode 4	0
Expected QualifierCode 4	-1
Received EventCode 5	0
Expected EventCode 5	-1
Received QualifierCode 5	0
Expected QualifierCode 5	-1
Received EventCode 6	0
Expected EventCode 6	-1
Received QualifierCode 6	0
Expected QualifierCode 6	-1
Type	GD Write diagnostic channel
Name	Event without details
Description	Set the PD invalid bit.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:03:40.088
End of execution	2017-06-08 13:03:40.727
StatusCode	0x00
EventCode 1	-1
QualifierCode 1	-1
EventCode 2	-1
QualifierCode 2	-1
EventCode 3	-1
QualifierCode 3	-1
EventCode 4	-1
QualifierCode 4	-1
EventCode 5	-1
QualifierCode 5	-1
EventCode 6	-1
QualifierCode 6	-1
Set event flag	Yes
Type	Wait
Name	
Description	My Wait Description
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:03:40.790
End of execution	2017-06-08 13:03:44.846
Wait time [ms]	4000
Type	DUT Event Wait
Name	
Description	Waits for an (optional) error
State	Deactivated
State info	
Expected result	Successful
Optional step	Yes

Comment	
Start of execution	0001-01-01 00:00:00.000
End of execution	0001-01-01 00:00:00.000
Wait time [ms]	0
Expected Port ID	-1
Expected Event Code	-1
Expected Event Qualifier	-1
Expected Error Code	-1
Expected alt. System Event	-1
Expected alt. System Event (raw data)	
Received DUT event	
Type	DUT Check PD Valid state
Name	Check PD Valid state of DUT
Description	Check PD Valid state of DUT either by asking the user or reads automatic via DUT IF Dll if implemented.
State	Successful
State info	
Expected result	Successful
Optional step	No
Comment	
Start of execution	2017-06-08 13:03:44.908
End of execution	2017-06-08 13:03:44.908
Information source	DUTIF
Port ID	-1
Expected result	PDVALID
Result	PDVALID