



Product Change Notification - LIAL-09YRLG884

Date:

22 Aug 2019

Product Category:

Others; 32-bit Microcontrollers; Touchscreen Controllers

Affected CPNs:**Notification subject:**

CCCB 3498 Final Notice: Qualification of MMT as an additional assembly site for selected Atmel products of 66.11K, 66.15K, 66.26K wafer technology available in 100L TQFP (14x14x1mm) package.

Notification text:**PCN Status:**

Final notification.

PCN Type:

Manufacturing Change

Microchip Parts Affected:

Please open one of the icons found in the Affected CPNs section above.

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .xls)

Description of Change:

Qualification of MMT as an additional assembly site for selected Atmel products of 66.11K, 66.15K, 66.26K wafer technology available in 100L TQFP (14x14x1mm) package.

Pre Change:

Assembled at ASE using PdCu or CuPdAu wire, CRM-1076WA die attach and G631H mold compound material.

Post Change:

Assembled at ASE using PdCu or CuPdAu wire, CRM-1076WA die attach and G631H mold compound material or Assembled at MMT using CuPdAu wire, 3280 die attach and G700HA mold compound material.

Pre and Post Change Summary:

	Pre Change		Post Change		
Assembly Site	ASE Inc. Taiwan (ASE)		ASE Inc. Taiwan (ASE)		Microchip Technology Thailand Branch (MMT)
Wire material	PdCu	CuPdAu	PdCu	CuPdAu	CuPdAu
Die attach material	CRM-1076WA		CRM-1076WA		3280



Molding compound material	G631H	G631H	G700HA
Lead frame material	C7025	C7025	
Tray Packing	No change		
Tape and Reel Packing	No change		

Impacts to Data Sheet:

None

Change Impact:

None.

Reason for Change:

To improve on-time delivery performance by qualifying MMT as an additional assembly site

Change Implementation Status:

In Progress

Estimated First Ship Date:

October 07, 2019 (date code: 1941)

NOTE: Please be advised that after the estimated first ship date customers may receive pre and post change parts.

Time Table Summary:

	August 2018					-->	August 2019					-->	October 2019				
	31	32	33	34	35		31	32	33	34	35		40	41	42	43	44
Initial PCN Issue Date				X													
Qual Report Availability									X								
Final PCN Issue Date									X								
Estimated Implementation Date												X					

Method to Identify Change:

Traceability code

Qualification Report:

Please open the attachments included with this PCN labeled as PCN_#_Qual Report.

Revision History:

August 20, 2018: Issued initial notification.

December 6, 2018: Re-issued initial notification to update qualification plan with changes to pre-conditioning from MSL 1 / MSL 2 to MSL 3.

July 04, 2019: Re-issued initial notification to add additional information in the pre and post change field to include tray packing pre and post change and to update the qualification plan to add additional information in the pre-conditioning.

July 15, 2019: Re-issued initial notification to update the date in the estimated qualification



completion and time table summary.

August 22, 2019: Issued final notification. Attached the qualification report. Provided estimated first ship date to be on October 07, 2019. Updated the affected CPN list. Removed tray packing change in the pre and post change because there is no change in the tray packing. Updated the qualification report to update the pre-conditioning from MSL 1 or MSL 3 to MSL 3.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

Attachment(s):

[PCN_LIAL-09YRLG884_QUAL REPORT.pdf](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

Terms and Conditions:

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If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected Catalog Part Numbers (CPN)

ATMXT225T-AB
ATMXT225T-ABR
ATMXT225T-AT
ATMXT225T-ATR
ATMXT225TD-AB
ATMXT225TD-ABR
ATMXT225TD-AT
ATMXT225TD-ATR
ATMXT449T-AB
ATMXT449T-AB074
ATMXT449T-ABR
ATMXT449T-ABR074
ATMXT449T-AT
ATMXT449T-AT074
ATMXT449T-ATNBI
ATMXT449T-ATR
ATMXT449T-ATR074
ATMXT449T-ATRNBI
ATMXT449TD-AB
ATMXT449TD-ABR
ATMXT449TD-AT
ATMXT449TD-ATR
ATMXT641T-AB
ATMXT641T-AB074
ATMXT641T-ABR
ATMXT641T-ABR074
ATMXT641T-AT
ATMXT641T-AT074
ATMXT641T-ATNBI
ATMXT641T-ATR
ATMXT641T-ATR074
ATMXT641T-ATRNBI
ATMXT641TC01-ATR
ATMXT641TD-AB
ATMXT641TD-ABR
ATMXT641TD-AT
ATMXT641TD-ATR
ATSAMC20N17A-ANT
ATSAMC20N18A-ANT
ATSAMC21N17A-ANT
ATSAMC21N18A-ANT
ATSAML22N16A-AUT
ATSAML22N17A-AUT
ATSAML22N18A-AUT