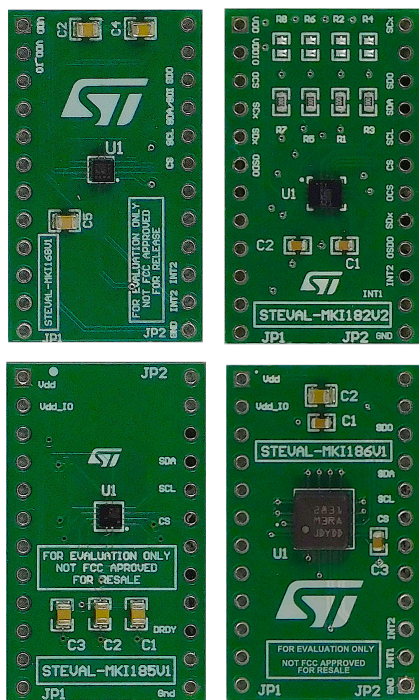


Industrial MEMS sensors sample kit



Features

- **STEVAL-MKI185V1** adapter board for **IIS2MDC**:
 - high accuracy, ultra-low-power, 3-axis digital output magnetometer
- **STEVAL-MKI168V1** adapter board for **IIS2DH**:
 - 3-axis digital accelerometer, ultra low-power high performance MEMS motion sensor
- **STEVAL-MKI182V2** adapter board for **ISM330DLC**:
 - iNEMO inertial module, 3-axis accelerometer, 3-axis gyroscope for Industry 4.0 applications
- **STEVAL-MKI186V1** adapter board for **IIS3DHHC**:
 - high resolution, high stability 3-axis digital accelerometer for industrial applications

Description

The STEVAL-MKIT02V1 is a MEMS sensor sample kit containing four sensor adapter boards that can be evaluated in standalone mode by simply connecting an I²C cable (except for the **STEVAL-MKI186V1** and the **IIS3DHHC** where only the SPI connector is present).

The **STEVAL-MKI109V3** evaluation board, based on the **STM32F401VET6** microcontroller, can be used for a more in-depth evaluation, as a bridge between the sensor adapter boards and a PC running STMicroelectronics graphical user interface (GUI) or an X-NUCLEO expansion board.

Product summary	
IIS2DH adapter board for a standard DIL 24 socket	STEVAL-MKI168V1
ISM330DLC adapter board for a standard DIL24 socket	STEVAL-MKI182V2
IIS2MDC adapter board for a standard DIL24 socket	STEVAL-MKI185V1
IIS3DHHC adapter board for a standard DIL 24 socket	STEVAL-MKI186V1

Revision history

Table 1. Document revision history

Date	Version	Changes
12-Apr-2018	1	Initial release.
13-Sep-2019	2	Minor text edits.

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