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.
### Revision history

**Table 1. Document revision history**

<table>
<thead>
<tr>
<th>Date</th>
<th>Version</th>
<th>Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-Apr-2018</td>
<td>1</td>
<td>Initial release.</td>
</tr>
<tr>
<td>13-Sep-2019</td>
<td>2</td>
<td>Minor text edits.</td>
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