

Get MEMS sensor experience with sample kit

- The included MEMS sensor adapter boards can be evaluated in stand-alone mode by simply connecting an I²C cable.
- For a more in-depth evaluation, you can order a motherboard based on the STM32F401VET6 microcontroller which functions as a bridge between the sensor adapter boards and a PC running our graphical user interface (GUI) or X-NUCLEO system board that is the standard ST evaluation tool.

Order code: **STEVAL-MKIT01V1**

To get this sample kit contact your nearest [sales office](#)



	<u>STEVAL-MKI109V3</u> ST MEMS adapter motherboard based on the STM32F401VET6 MCU and compatible with ST MEMS sensor adapter boards		<u>X-NUCLEO-IKS01A2</u> Motion MEMS and environmental sensor expansion board for the STM32 Nucleo
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MEMS sensor adapter boards

Part Number	Description
<u>STEVAL-MKI178V2</u>	<u>LSM6DSL</u> iNEMO inertial module with 3D accelerometer and 3D gyroscopes
<u>STEVAL-MKI179V1</u>	<u>LIS2DW12</u> high-performance ultra-low-power 3-axis "femto" accelerometer
<u>STEVAL-MKI181V1</u>	<u>LIS2MDL</u> digital output magnetic sensor with an ultra-low-power high-performance 3-axis magnetometer
<u>STEVAL-MET001V1</u>	<u>LPS22HB</u> MEMS nano pressure sensor with a 260-1260 hPa absolute digital output barometer

SOFTWARE

Part Number	Description
<u>STSW-MEMS034</u>	Unico Lite-source code
<u>STSW-MKI109L</u>	MEMS evaluation kit software package for Linux
<u>STSW-MKI109M</u>	MEMS evaluation kit software package for Mac OSX
<u>STSW-MKI109W</u>	MEMS evaluation kit software package for Windows