

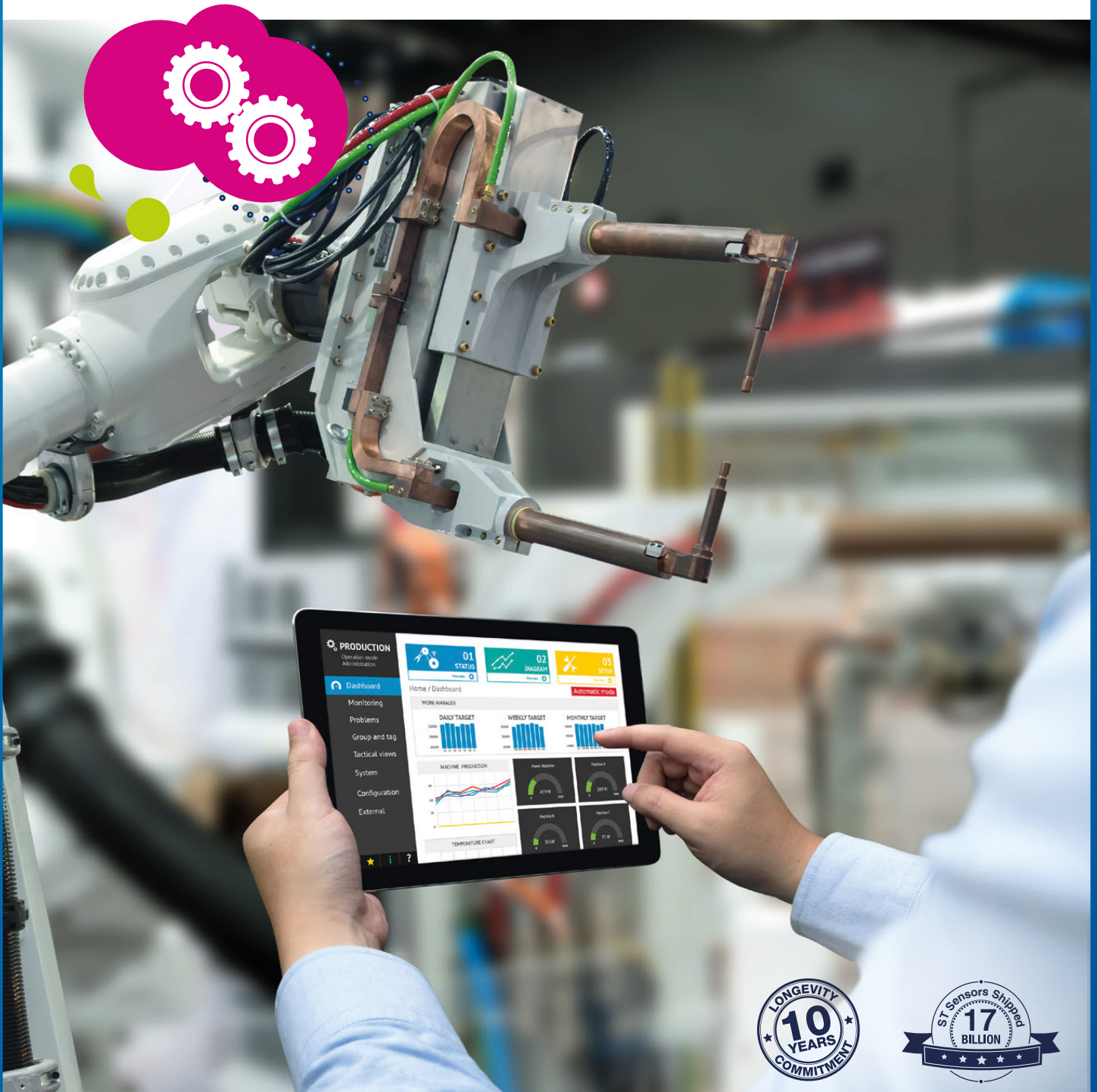


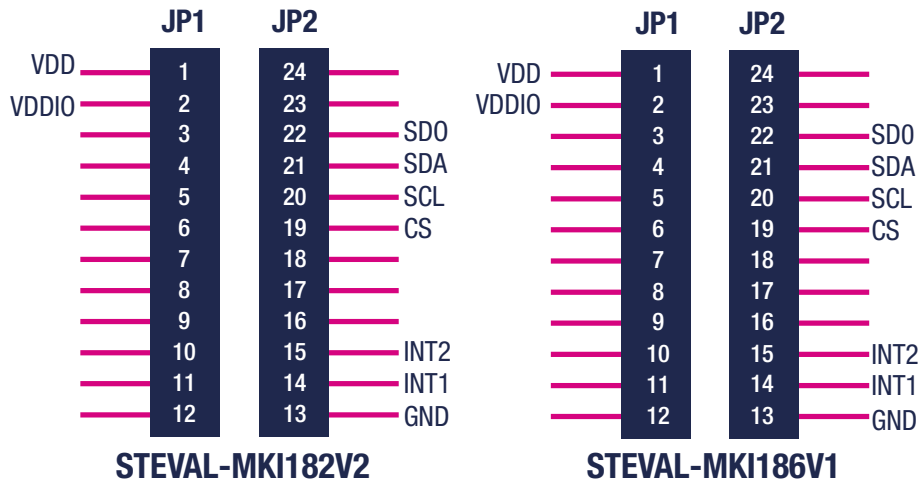
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| An Avnet Company |

MEMS sensors for Industrial sample kit



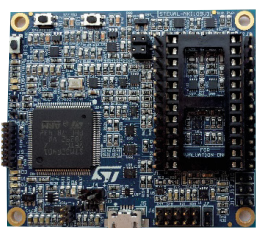


To learn more about the adapter boards, please visit the link :

<http://www.st.com/indsensorsk>

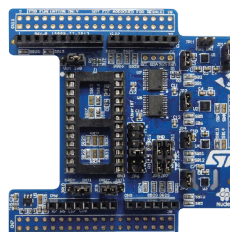
Note: The included MEMS sensor adapter boards can be evaluated in stand-alone mode by simply connecting an I²C cable (except for the STEVAL-MKI186V1 IIS3DHHC where only the SPI connector is present).

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.



STEVAL-MKI109V3

ST MEMS adapter motherboard based on the STM32F401VET6 MCU and compatible with ST MEMS sensor adapter boards



X-NUCLEO-IKS01A2

Motion MEMS and environmental sensor expansion board for the STM32 Nucleo (not suitable for STEVAL-MKI186V1).

MEMS sensor adapter boards



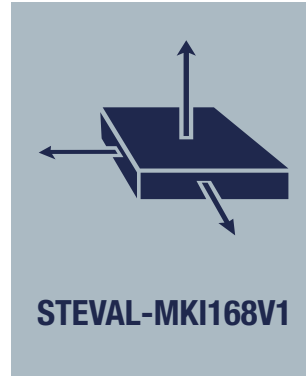
IIS2MDC



High-accuracy, ultra-low-power, 3-axis digital output magnetometer



IIS2DH



Ultra-low-power, compact, general-purpose, 3-axis digital accelerometer



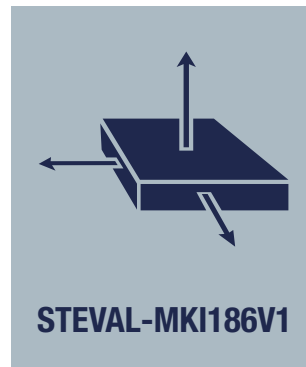
ISM330DLC



iNEMO inertial module with 3D accelerometer and 3D gyroscope with ultra-low power consumption and digital output for Industry 4.0 applications



IIS3DHHC



High-resolution, ultra-low noise, high-stability, 3-axis digital accelerometer for industrial applications

Part number	Description
STSW-MEMS034	Unico Lite source code
STSW-MKI109L	MEMS evaluation kit software package for Linux
STSW-MKI109M	MEMS evaluation kit software package for Mac OSX
STSW-MKI109W	MEMS evaluation kit software package for Windows

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