

Data brief

## ISM330DLC adapter board for a standard DIL24 socket





Product summary		
ISM330DLC adapter board for a standard DIL24 socket	STEVAL- MKI182V2	
iNEMO inertial module, 3- axis accelerometer, 3-axis gyroscope for Industry 4.0 applications	s accelerometer, 3-axis oscope for Industry 4.0	
ST MEMS adapters motherboard based on STM32F103, compatible with all ST MEMS adapter boards	STEVAL- MKI109V2	
ST MEMS adapter motherboard based on the STM32F401VET6 compatible with ST MEMS adapters	STEVAL- MKI109V3	

#### **Features**

- Complete ISM330DLC pinout for a standard DIL 24 socket
- Fully compatible with STEVAL-MKI109V3 motherboard
- Changing the resistor settings is also compatible with the STEVAL-MKI109V2 motherboard
- RoHS compliant

### **Description**

The STEVAL-MKI182V2 is an adapter board designed to facilitate the evaluation of MEMS devices in the ISM330DLC product family. The board offers an effective solution for fast system prototyping and device evaluation directly within the user's own application.

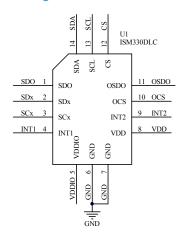
The STEVAL-MKI182V2 can be plugged into a standard DIL 24 socket. The adapter provides the complete ISM330DLC pin-out and comes ready-to-use with the required decoupling capacitors on the VDD power supply line.

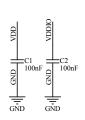
This adapter is supported by the STEVAL-MKI109V2 and STEVAL-MKI109V3 motherboards, which include a high performance 32-bit microcontroller functioning as a bridge between the sensor and a PC, on which it is possible to use the downloadable graphical user interface (Unico GUI), or dedicated software routines for customized applications.

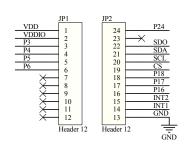


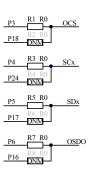
# 1 Schematic diagrams

Figure 1. STEVAL-MKI182V2 circuits









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## **Revision history**

**Table 1. Document revision history** 

Date	Version	Changes
08-May-2018	1	Initial release.

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