

Data brief

IIS3DHHC adapter board for a standard DIL 24 socket





Features

- Complete IIS3DHHC pinout for a standard DIL 24 socket
- Fully compatible with the STEVAL-MKI109V3 motherboard
- · RoHS compliant

Description

The STEVAL-MKI186V1 adapter board is designed to facilitate the evaluation of MEMS devices in the IIS3DHHC product family. The board offers an effective solution for fast system prototyping and device evaluation directly in the user's own application.

The STEVAL-MKI186V1 can be plugged into a standard DIL 24 socket. The adapter provides the complete IIS3DHHC pin-out and comes ready-to-use with the required decoupling capacitors on the VDD power supply line.

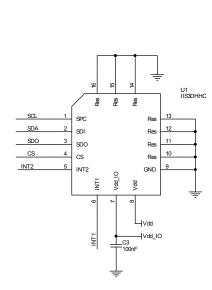
This adapter is supported by the STEVAL-MKI109V3 motherboard, which includes a high performance 32-bit microcontroller functioning as a bridge between the sensor and a PC, on which it is possible to use the downloadable graphical user interface (Unico GUI), or dedicated software routines for customized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

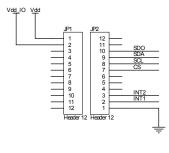
Summary table	
IIS3DHHC adapter board for a standard DIL 24 socket	STEVAL- MKI186V1
High resolution, high stability 3-axis digital accelerometer for industrial applications	IIS3DHHC
ST MEMS adapter motherboard based on STM32F401VE compatible ST MEMS adapters	STEVAL- MKI109V3
Applications	Metering

STEVAL-MKI186V1
Schematic diagrams

Figure 1. STEVAL-MKI186V1 circuit schematic









Revision history

Table 1. Document revision history

Date	Version	Changes	
20-Feb-2018	1	Initial release.	
26-Apr-2021	2	Changed schematic. Updated product summary	

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