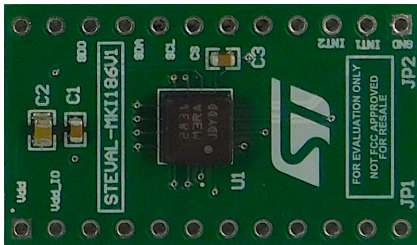


IIS3DHHC adapter board for a standard DIL24 socket



Features

- Complete IIS3DHHC pinout for a standard DIL24 socket
- Fully compatible with the STEVAL-MKI109V3 and STEVAL-MKI109D evaluation platforms
- RoHS compliant

Description

The [STEVAL-MKI186V1](#) adapter board is designed to facilitate the evaluation of the [IIS3DHHC](#) 3-axis accelerometer. 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 DIL24 socket. The adapter provides the complete IIS3DHHC pinout and comes ready to use with the required decoupling capacitors on the VDD power supply line.

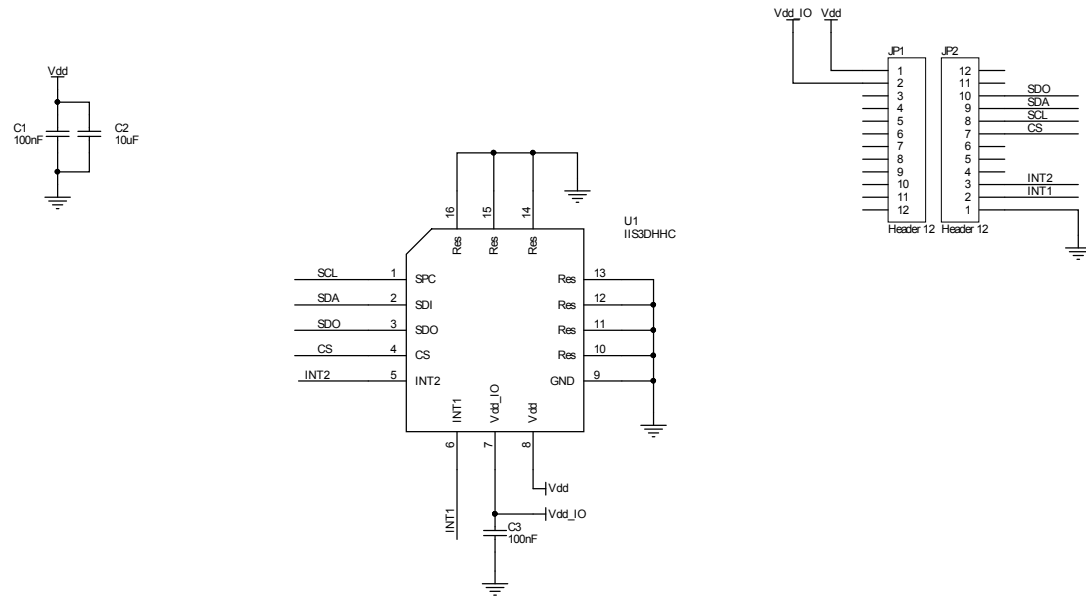
This adapter is supported by the [STEVAL-MKI109V3](#) and [STEVAL-MKI109D](#) evaluation platforms that include a high-performance 32-bit microcontroller functioning as a bridge between the sensor and a PC, on which it is possible to use the downloadable [MEMS Studio](#) graphical user interface or dedicated software routines for customized applications.

Product summary	
IIS3DHHC adapter board for a standard DIL24 socket	STEVAL-MKI186V1
High resolution, high stability 3-axis digital accelerometer for industrial applications	IIS3DHHC
Professional MEMS tool: ST MEMS adapters motherboard based on the STM32F401VE and compatible with all ST MEMS adapters	STEVAL-MKI109V3
Professional MEMS tool: evaluation board for all ST MEMS sensors	STEVAL-MKI109D
Applications	Position and motion monitoring

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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.
09-Dec-2024	3	Updated Description to include STEVAL-MKI109D evaluation platform and MEMS Studio software solution Updated product summary Minor textual updates

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