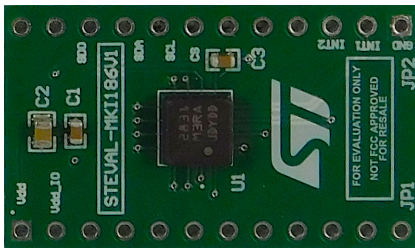


IIS3DHC adapter board for a standard DIL 24 socket



Features

- Complete IIS3DHC 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 **IIS3DHC** 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 IIS3DHC pin-out and comes ready-to-use with the required decoupling capacitors on the VDD power supply line.

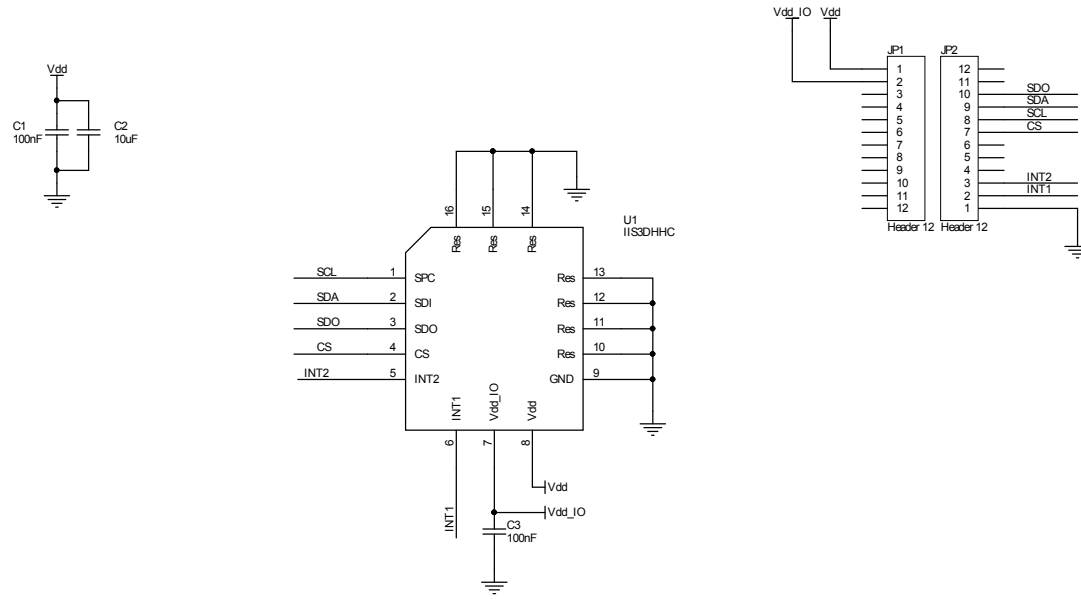
This adapter is supported by the **STEVAL-MKI109V3** motherboard, which includes a high performance 32-bit microcontroller functioning as a bridge between the sensor and a PC, on which it is possible to use the downloadable graphical user interface (Unico GUI), or dedicated software routines for customized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

Summary table

IIS3DHC adapter board for a standard DIL 24 socket	STEVAL-MKI186V1
High resolution, high stability 3-axis digital accelerometer for industrial applications	IIS3DHC
ST MEMS adapter motherboard based on STM32F401VE compatible ST MEMS adapters	STEVAL-MKI109V3
Applications	Metering

1 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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