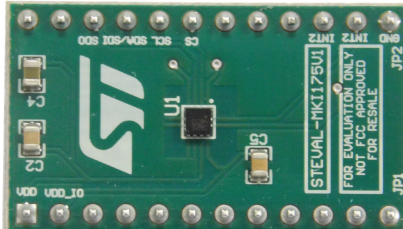


LIS2DE12 adapter board for a standard DIL24 socket



Features

- Complete LIS2DE12 pinout for a standard DIL24 socket
- Fully compatible with the STEVAL-MKI109D evaluation platform
- RoHS compliant

Description

The STEVAL-MKI175V1 is an adapter board designed to facilitate the evaluation of the LIS2DE12 3-axis accelerometer in the MEMS product family. The board offers an effective solution for fast system prototyping and device evaluation directly within the user's application.

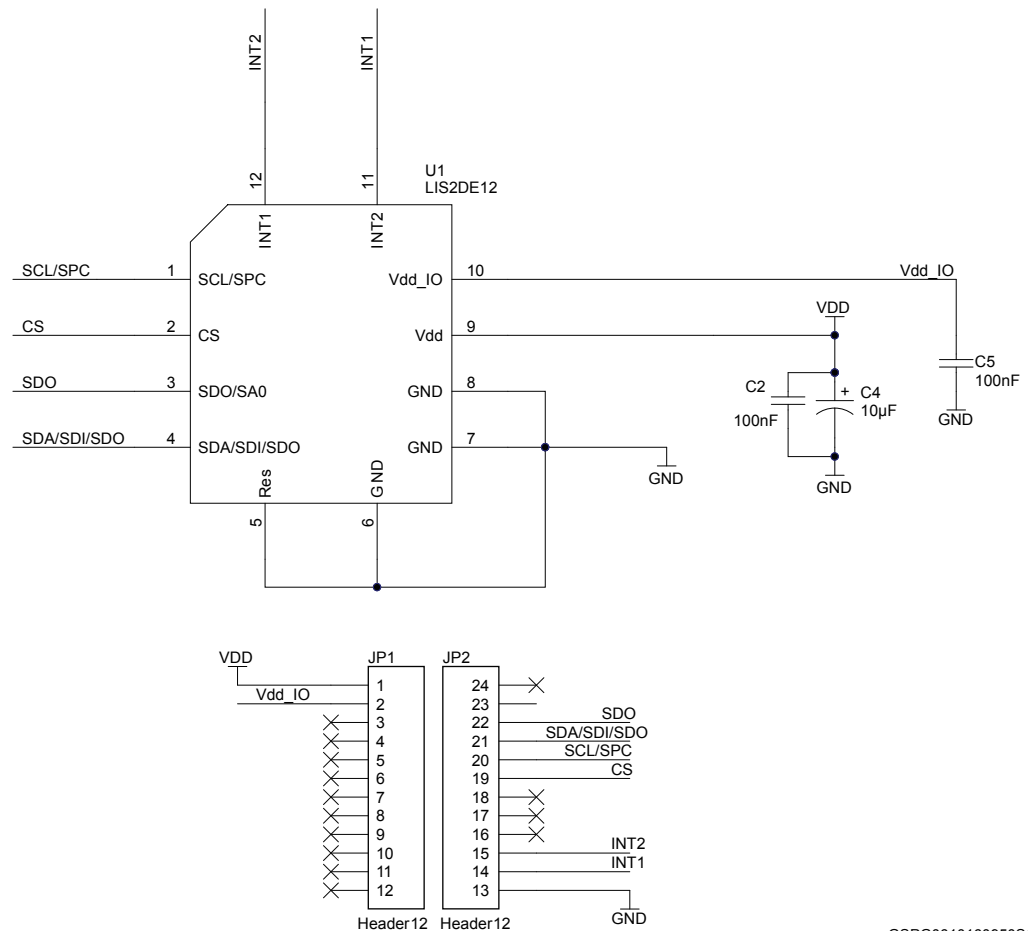
The STEVAL-MKI175V1 can be plugged into a standard DIL24 socket. The adapter provides the complete LIS2DE12 pinout and comes ready to use with the required decoupling capacitors on the V_{DD} power supply line.

This adapter is supported by the STEVAL-MKI109D evaluation platform, 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 MEMS Studio graphical user interface or dedicated software routines for customized applications.

Product summary	
LIS2DE12 adapter board for a standard DIL24 socket	STEVAL-MKI175V1
MEMS digital output motion sensor: ultralow-power high-performance 3-axis "femto" accelerometer	LIS2DE12
Professional MEMS tool: evaluation board for all ST MEMS sensors	STEVAL-MKI109D

1 Schematic diagram

Figure 1. STEVAL-MKI175V1 circuit schematic



GSPG0610160950SG

Revision history

Table 1. Document revision history

Date	Version	Changes
06-Oct-2016	1	Initial release
06-Oct-2025	2	Added the STEVAL-MKI109D evaluation platform and MEMS Studio software solution

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