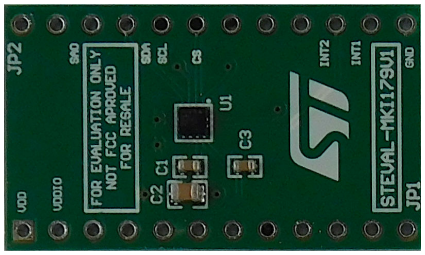
STEVAL-MKI179V1

Data brief

LIS2DW12 adapter board for a standard DIL24 socket



Features

- Complete LIS2DW12 pinout for a standard DIL24 socket
- Fully compatible with the STEVAL-MKI109V3 and STEVAL-MKI109D evaluation platforms
- RoHS compliant

Description

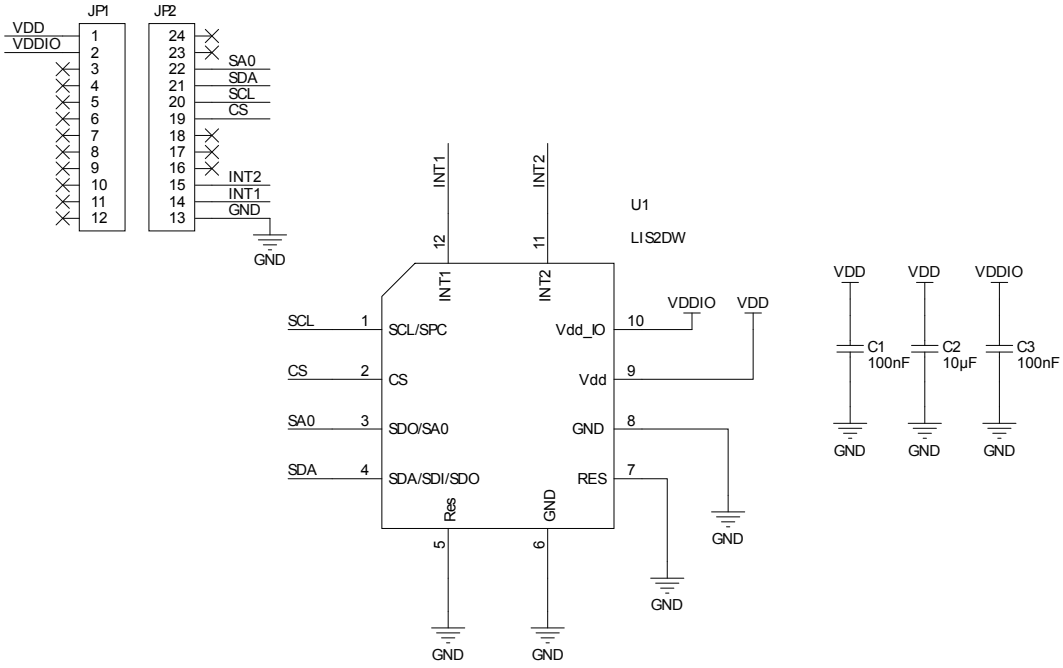
The STEVAL-MKI179V1 adapter board is designed to facilitate the evaluation of the LIS2DW12 3-axis accelerometer. The board offers an effective solution for fast system prototyping and device evaluation directly within the user's own application.

The STEVAL-MKI179V1 can be plugged into a standard DIL24 socket. The adapter provides the complete LIS2DW12 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-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.

1 Schematic diagram

Figure 1. **STEVAL-MKI179V1 circuit schematic**



Revision history

Table 1. **Document revision history**

Date	Version	Changes
14-Jul-2017	1	Initial release
09-Dec-2024	2	Updated Description to include STEVAL-MKI109D evaluation platform and MEMS Studio software solution Minor textual updates