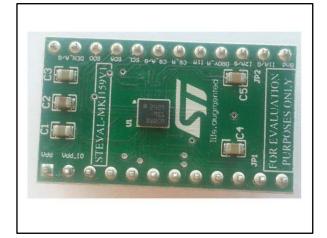


STEVAL-MKI159V1

LSM9DS1 adapter board for a standard DIL24 socket

Data brief



Features

- Complete LSM9DS1 pinout for a standard DIL24 socket
- Fully compatible with STEVAL-MKI109V2 and STEVAL-MKI109V3 motherboards
- RoHS compliant

Description

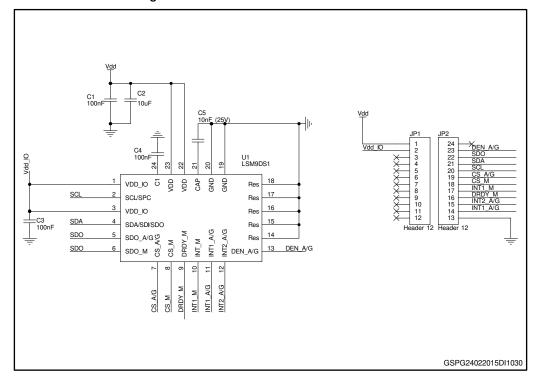
The STEVAL-MKI159V1 is an adapter board designed to facilitate the evaluation of MEMS inertial devices in the LSM9DS1 product family. The board offers an effective solution for fast system prototyping and device evaluation directly within the user's own application. The STEVAL-MKI159V1 can be plugged into a standard DIL24 socket. The adapter provides the complete LSM9DS1 pinout and comes ready to use with the required decoupling capacitors on the VDD power supply line.

This adapter is supported by the STEVAL-MKI109V2 and STEVAL-MKI109V3 motherboards which 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 graphical user interface (Unico GUI) or dedicated software routines for customized applications.

Schematic diagram STEVAL-MKI159V1

1 Schematic diagram

Figure 1: STEVAL-MKI159V1 circuit schematic



STEVAL-MKI159V1 Revision history

2 Revision history

Table 1: Document revision history

| Date | Rev | Changes |
|-------------|-----|---|
| 06-Mar-2015 | 1 | First release. |
| 06-Sep-2016 | 2 | Updated features and description adding STEVAL-MKI109V3 motherboard compatibility |

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