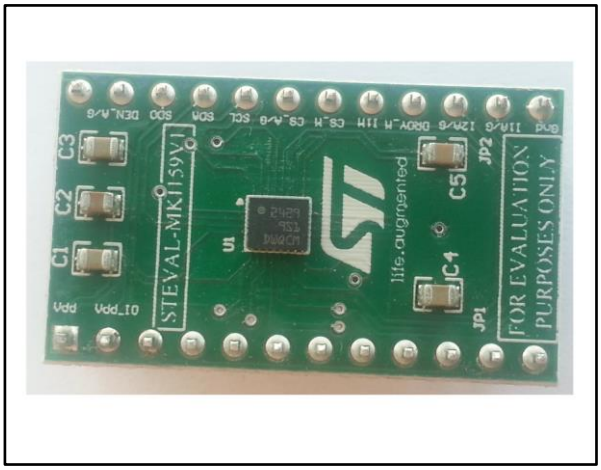
STEVAL-MKI159V1

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 V_{DD} power supply line.

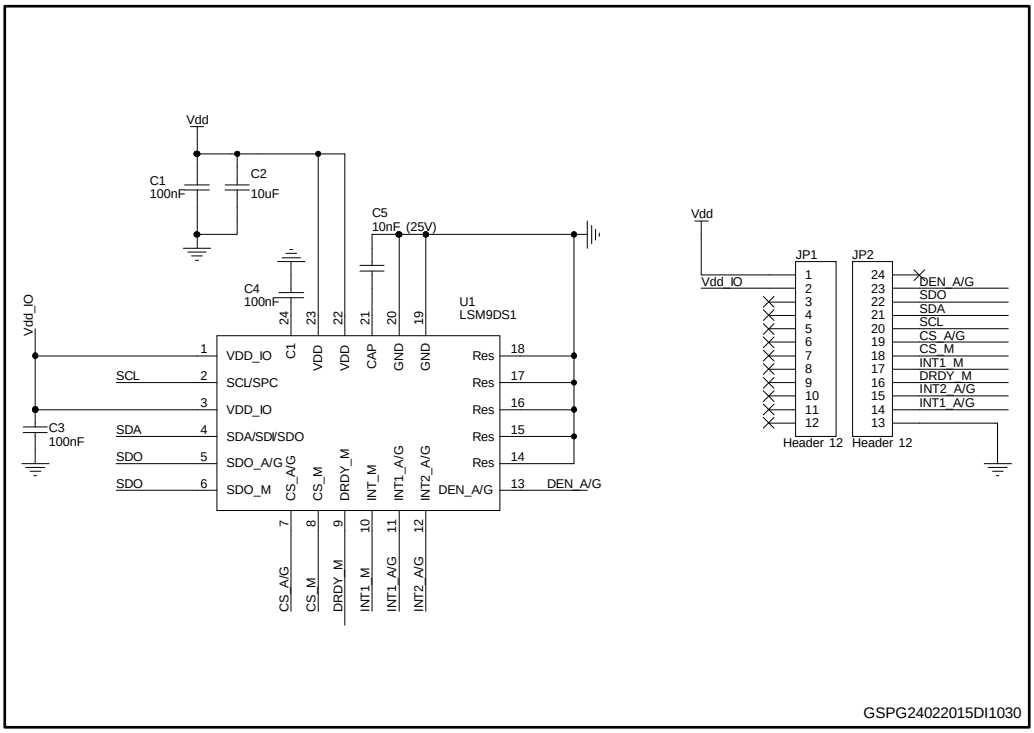
This adapter is supported by the STEVAL-MKI109V2 and STEVAL-MKI109V3 motherboards which include a high performance 32-bit microcontroller functioning as a bridge between the sensor and a PC, on which it is possible to use the downloadable graphical user interface (Unico GUI) or dedicated software routines for customized applications.

For further information contact your local STMicroelectronics sales office

www.st.com

1 Schematic diagram

Figure 1: STEVAL-MKI159V1 circuit schematic



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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