

LSM6DSO adapter board for a standard DIL24 socket

Features

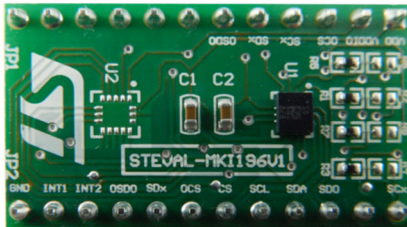
- Complete LSM6DSO pinout for a standard DIL24 socket
- Fully compatible with the STEVAL-MKI109D evaluation platform
- WEEE compliant
- RoHS compliant

Description

The **STEVAL-MKI196V1** is an adapter board designed to facilitate the evaluation of the **LSM6DSO** 6-axis IMU (inertial measurement unit). The board offers an effective solution for fast system prototyping and device evaluation directly within the user's own application.

The **STEVAL-MKI196V1** can be plugged into a standard DIL24 socket. The adapter provides the complete LSM6DSO pinout and comes ready to use with the required decoupling capacitors on the VDD power supply line.

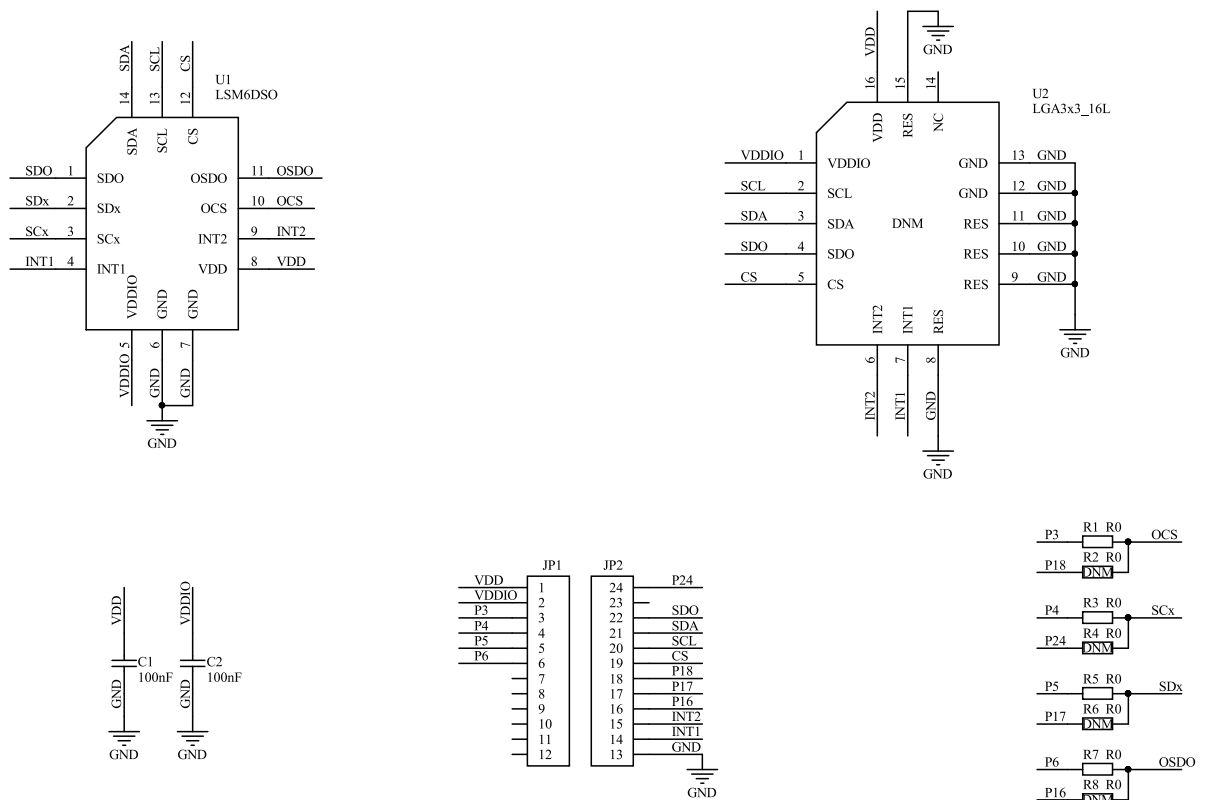
This adapter is supported by the **STEVAL-MKI109D** evaluation platform that includes a high-performance 32-bit microcontroller functioning as a bridge between the sensor and a PC, on which it is possible to use the downloadable **MEMS Studio** graphical user interface or dedicated software routines for customized applications.



Product summary	
LSM6DSO adapter board for a standard DIL24 socket	STEVAL-MKI196V1
6-axis IMU (inertial measurement unit): always-on 3-axis accelerometer and 3-axis gyroscope	LSM6DSO
Professional MEMS tool: evaluation board for all ST MEMS sensors	STEVAL-MKI109D

1 Schematic diagram

Figure 1. STEVAL-MKI196V1 board schematic



Revision history

Table 1. Document revision history

Date	Version	Changes
28-Aug-2018	1	Initial release
19-Feb-2025	2	Added STEVAL-MKI109D evaluation platform and MEMS Studio software solution Updated Product summary table Minor textual updates

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