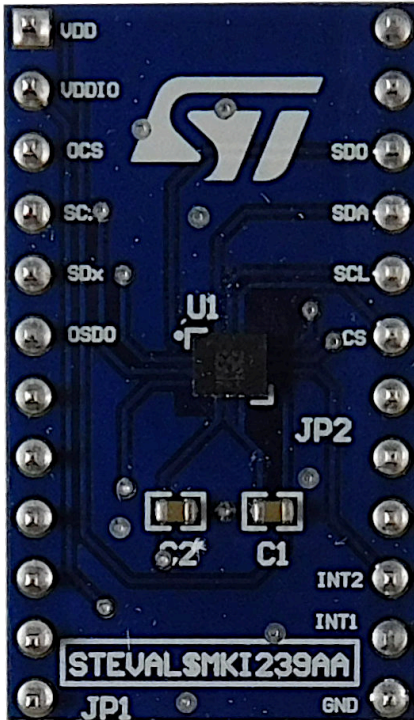


LSM6DSV adapter board for a standard DIL24 socket



Features

- Complete LSM6DSV pinout for a standard DIL 24 socket
- Fully compatible with the STEVAL-MKI109V3 motherboard
- RoHS compliant

Description

The STEVAL-MKI239A is an adapter board designed to facilitate the evaluation of MEMS devices in the LSM6DSV product family.

The board offers an effective solution for fast system prototyping and device evaluation directly within the user's own application.

The STEVAL-MKI239A can be plugged into a standard DIL 24 socket. The adapter provides the complete LSM6DSV pinout and comes ready-to-use with the required decoupling capacitors on the VDD power supply line.

This adapter is supported by a STEVAL-MKI109V3 motherboard. It includes a high performance 32-bit microcontroller functioning as a bridge between the sensor and a PC.

It is possible to use the downloadable graphical user interface (Unico GUI), or dedicated software routines for customized applications.

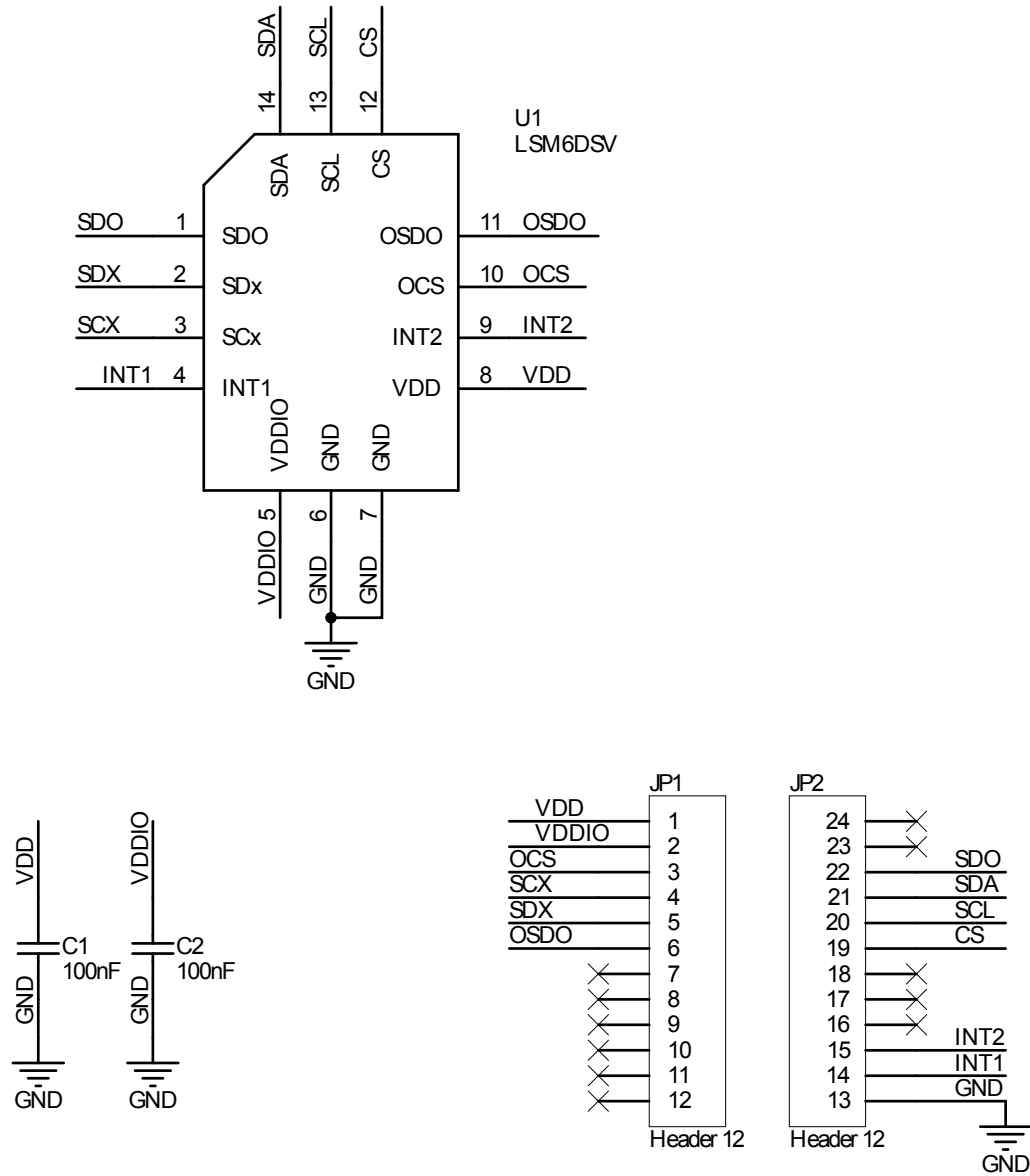
The adapter board can be also plugged into X-NUCLEO-IKS01A2, X-NUCLEO-IKS01A3, and X-NUCLEO-IKS02A1.

Product summary

LSM6DSV adapter board for a standard DIL24 socket	STEVAL-MKI239A
iNEMO inertial module: 3D accelerometer and 3D gyroscope	LSM6DSVTR
Professional MEMS tool: ST MEMS adapters motherboard based on the STM32F401VE and compatible with all ST MEMS adapters	STEVAL-MKI109V3
Motion MEMS and environmental sensor expansion board for STM32 Nucleo	X-NUCLEO-IKS01A3
Applications	Wearables

1 Schematic diagrams

Figure 1. STEVAL-MKI239A circuit schematic



2 Board versions

Table 1. STEVAL-MKI239A versions

Finished good	Schematic diagrams	Bill of materials
STEVAL\$MKI239AA ⁽¹⁾	STEVAL\$MKI239AA schematic diagrams	STEVAL\$MKI239AA bill of materials

1. This code identifies the STEVAL-MKI239A evaluation board first version.

Revision history

Table 2. Document revision history

Date	Revision	Changes
01-Feb-2023	1	Initial release.

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