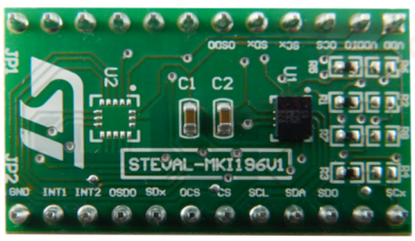
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STEVAL-MKI196V1

Data brief

LSM6DSO adapter board for a standard DIL24 socket





Features

- Complete LSM6DSO pinout for a standard DIL 24 socket
- Fully compatible with STEVAL-MKI109V3 motherboards
- Changing the resistor settings is also compatible with the STEVAL-MKI109V2 motherboard
- WEEE compliant
- RoHS compliant

Description

STEVAL-MKI196V1is an adapter board designed to facilitate the evaluation of MEMS devices in the LSM6DSO product family. 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 DIL 24 socket. The adapter provides the complete LSM6DSO pin-out and comes ready-to-use with the required decoupling capacitors on the VDD power supply line.

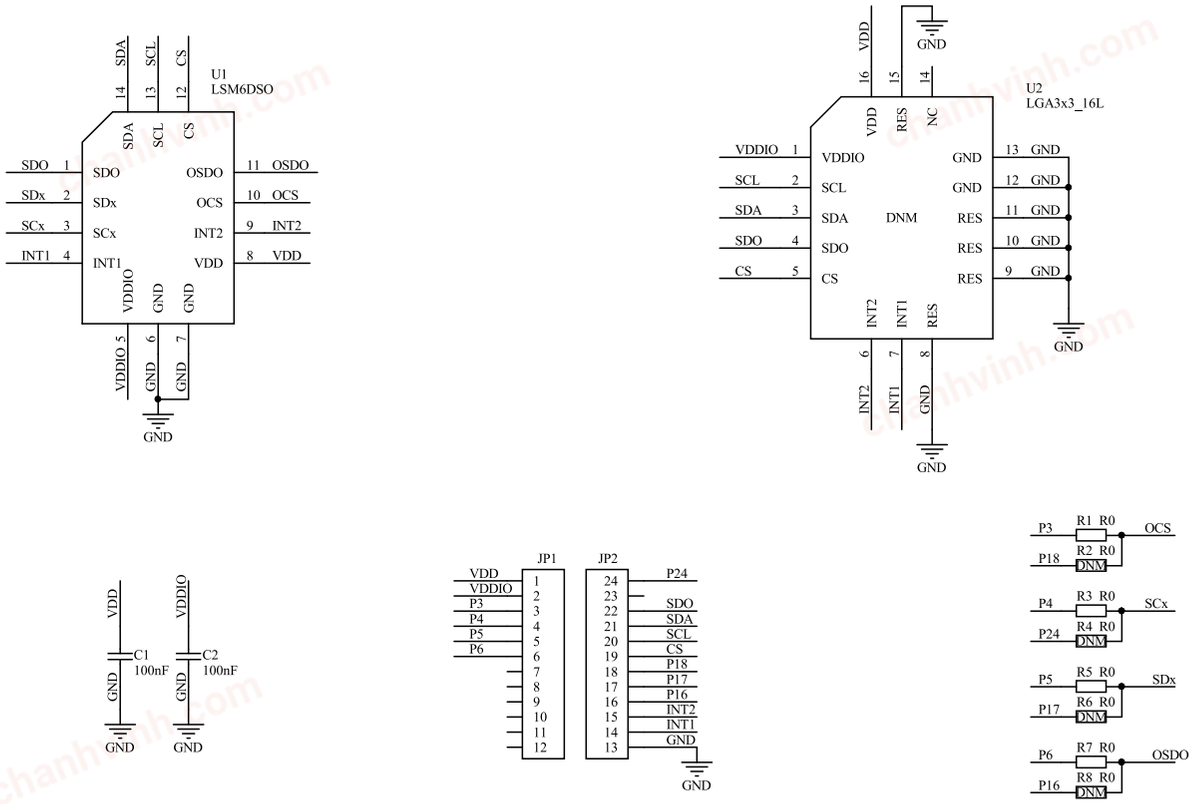
This adapter is supported by the STEVAL-MKI109V2 and STEVAL-MKI109V3 with high performance 32-bit microcontroller functioning as a bridge between the sensor and a PC, on which it is possible to use the downloadable graphical user interface (Unico GUI), or dedicated software routines for customized applications.

Product summary	
LSM6DSO adapter board for a standard DIL24 socket	STEVAL-MKI196V1
iNEMO 6DoF inertial module, ultra-low power and high accuracy	LSM6DSO
ST MEMS adapter motherboard based on the STM32F401VET6 compatible with ST MEMS adapters	STEVAL-MKI109V3
ST MEMS adapters motherboard based on STM32F103, compatible with all ST MEMS adapter boards	STEVAL-MKI109V2

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1 Schematic diagram

Figure 1. **STEVAL-MKI196V1 board schematic**



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Revision history

Table 1. **Document revision history**

Date	Version	Changes
28-Aug-2018	1	Initial release.

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