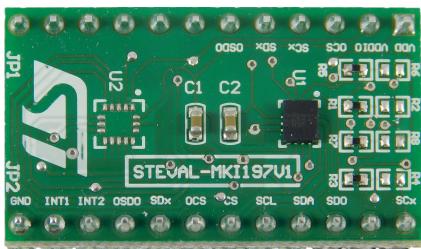


LSM6DSOX adapter board for a standard DIL24 socket



Features

- Complete LSM6DSOX pinout for a standard DIL 24 socket
- Fully compatible with STEVAL-MKI109V3 motherboard
- Changing the resistor settings is also compatible with the STEVAL-MKI109V2 motherboard
- WEEE compliant
- RoHS compliant

Description

The **STEVAL-MKI197V1** is 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.

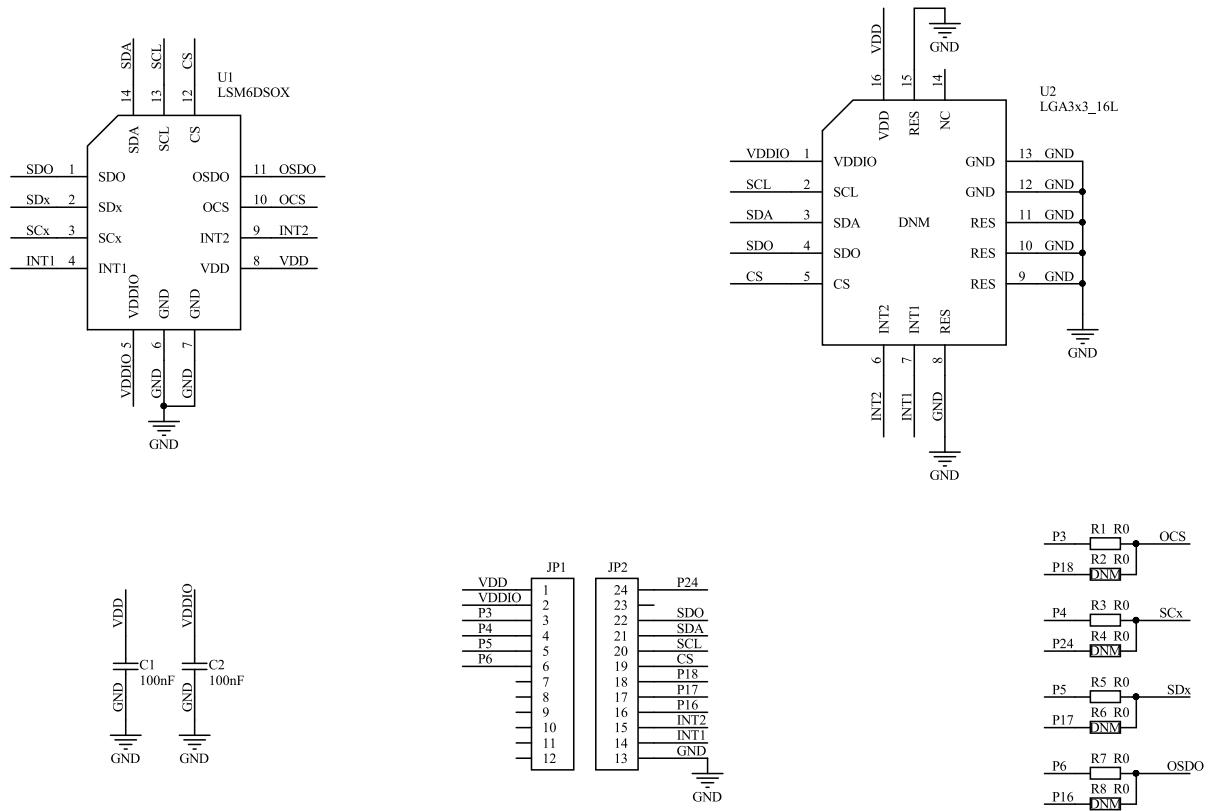
The STEVAL-MKI197V1 can be plugged into a standard DIL 24 socket. The adapter provides the complete [LSM6DSOX](#) pin-out and comes ready-to-use with the required decoupling capacitors on the VDD power supply line.

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	
LSM6DSOX adapter board for a standard DIL24 socket	STEVAL-MKI197V1
iNEMO 6DoF inertial module, ultra-low power and high accuracy with embedded motion detection	LSM6DSOX
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

1 Schematic diagrams

Figure 1. STEVAL-MKI197V1 board schematic



Revision history

Table 1. Document revision history

Date	Version	Changes
16-Oct-2018	1	Initial release.

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