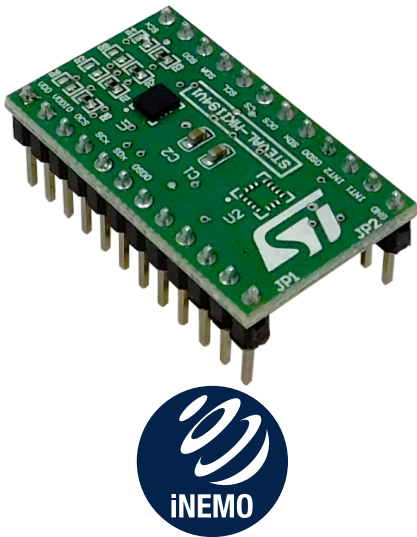


LSM6DSR adapter board for a standard DIL24 socket



Features

- Complete LSM6DSR 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

The [STEVAL-MKI194V1](#) is an adapter board designed to facilitate the evaluation of MEMS devices in the LSM6DSR product family. The board offers an effective solution for fast system prototyping and device evaluation directly within the user's own application.

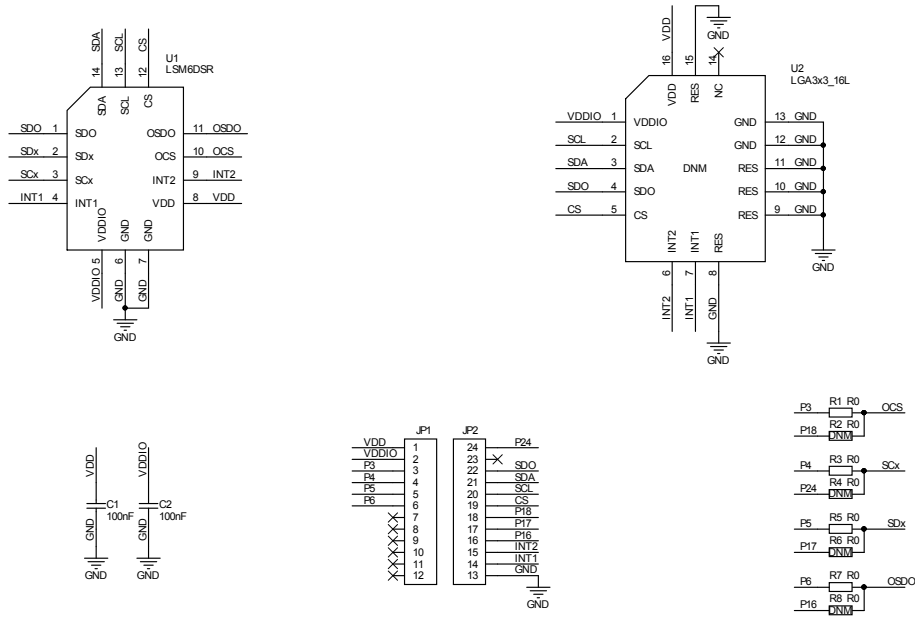
The STEVAL-MKI194V1 can be plugged into a standard DIL 24 socket. The adapter provides the complete LSM6DSR pin-out and comes ready-to-use with the required decoupling capacitors on the VDD power supply line.

This adapter is supported by the [STEVAL-MKI109V3](#) motherboard 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 | |
|--|-----------------|
| LSM6DSR adapter board for a standard DIL24 socket | STEVAL-MKI194V1 |
| iNEMO inertial module: 3D accelerometer and 3D gyroscope | LSM6DSR |
| ST MEMS adapter motherboard based on STM32F401VE compatible ST MEMS adapters | STEVAL-MKI109V3 |
| Applications | Metering |

1 Schematic diagram

Figure 1. STEVAL-MKI194V1 circuit schematic



Revision history

Table 1. Document revision history

| Date | Version | Changes |
|-------------|---------|--|
| 03-Apr-2019 | 1 | Initial release. |
| 25-May-2021 | 2 | Inserted schematic. Updated logo. Updated product summary. |