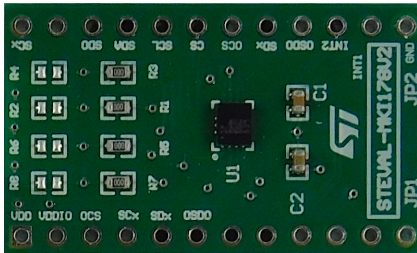


LSM6DSL adapter board for a standard DIL24 socket



Features

- Complete **LSM6DSL** pinout for a standard DIL24 socket
- Default compatibility with STEVAL-MKI109V3 motherboard
- Also compatible with the STEVAL-MKI109V2 motherboard by removing resistor settings (R2, R4, R6 and R8)
- RoHS compliant

Description

The **STEVAL-MKI178V2** adapter board is designed to facilitate the evaluation of MEMS devices in the **LSM6DSL** product family. The board offers an effective solution for fast system prototyping and device evaluation directly inside your own application.

The **STEVAL-MKI178V2** can be plugged into a standard DIL 24 socket. The adapter provides the complete **LSM6DSL** pin-out and comes ready-to-use with the required decoupling capacitors on the VDD power supply line.

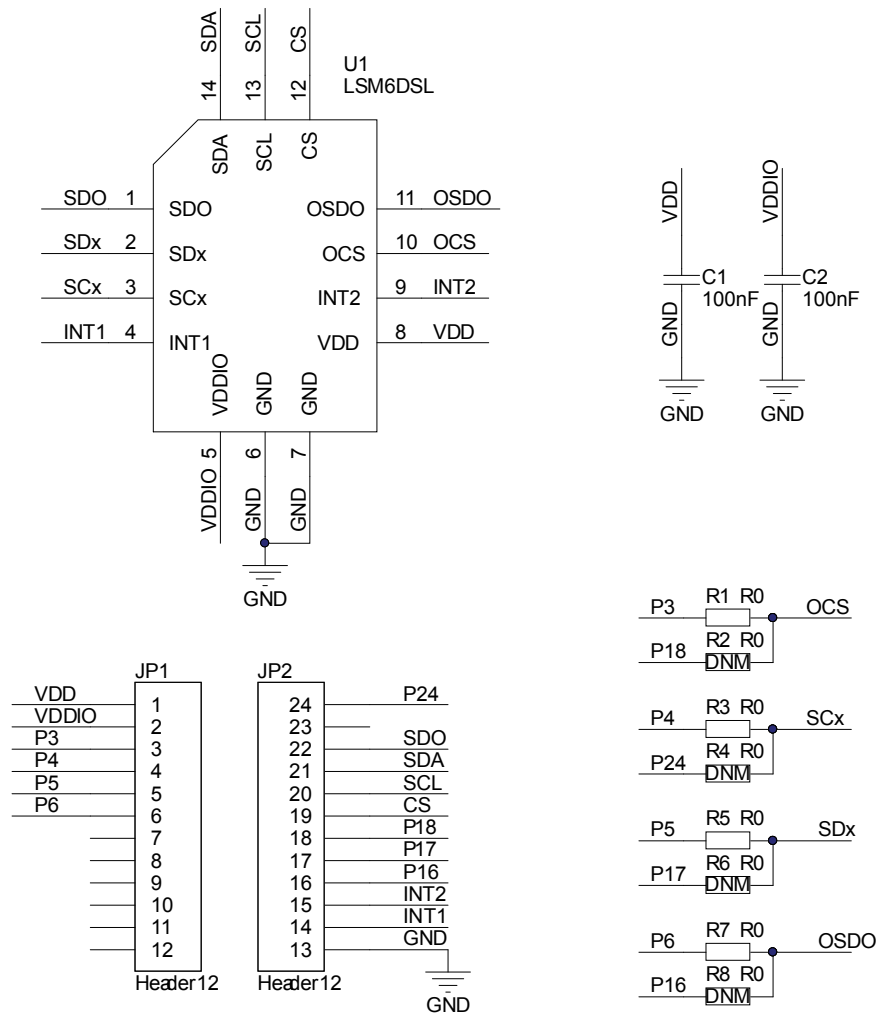
This adapter is supported by the **STEVAL-MKI109V2** and **STEVAL-MKI109V3** motherboards, which include a high performance 32-bit microcontroller functioning as a bridge between the sensor and a PC, on which it is possible to use the downloadable graphical user interface (Unico GUI), or dedicated software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



Summary table	
STEVAL-MKI178V2 adapter board	STEVAL-MKI178V2
STEVAL-MKI109V2 motherboard	STEVAL-MKI109V2
STEVAL-MKI109V3 motherboard	STEVAL-MKI109V3
LSM6DSL system-in-package featuring a 3D digital accelerometer and a 3D digital gyroscope	LSM6DSL

1 Schematic diagram

Figure 1. STEVAL-MKI178V2 circuit schematic



Revision history

Table 1. Document revision history

Date	Version	Changes
12-Feb-2018	1	Initial release.
24-Mar-2020	2	Update features.