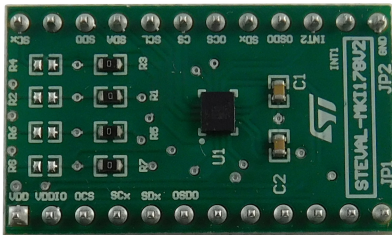


## LSM6DSL adapter board for a standard DIL24 socket



### Features

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

### Description

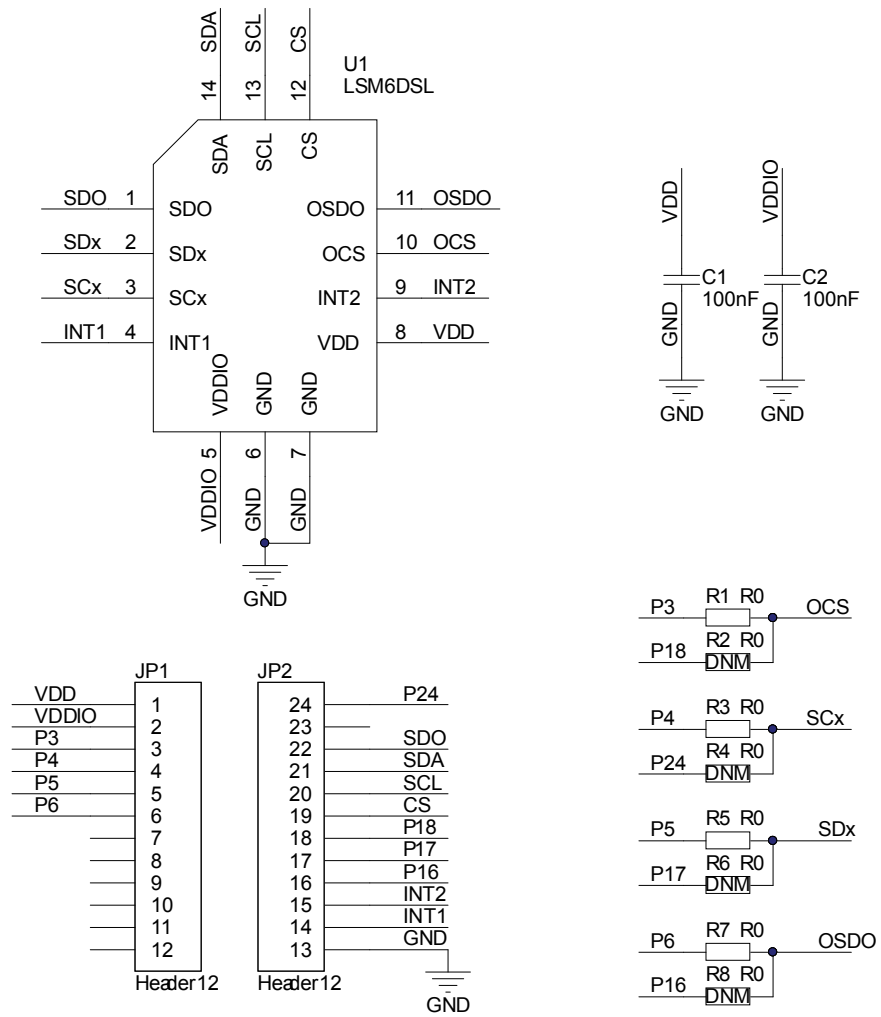
The **STEVAL-MKI178V2** adapter board is designed to facilitate the evaluation of MEMS devices in the **LSM6DSL** product family. The board offers an effective solution for fast system prototyping and device evaluation directly inside your own application.

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	<a href="#">STEVAL-MKI178V2</a>
STEVAL-MKI109V2 motherboard	<a href="#">STEVAL-MKI109V2</a>
STEVAL-MKI109V3 motherboard	<a href="#">STEVAL-MKI109V3</a>
LSM6DSL system-in-package featuring a 3D digital accelerometer and a 3D digital gyroscope	<a href="#">LSM6DSL</a>

# 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.

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