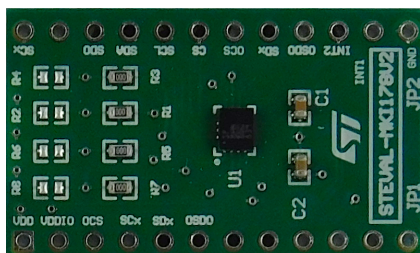


## LSM6DSL adapter board for a standard DIL24 socket



### Features

- Complete [LMS6DSL](#) 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.

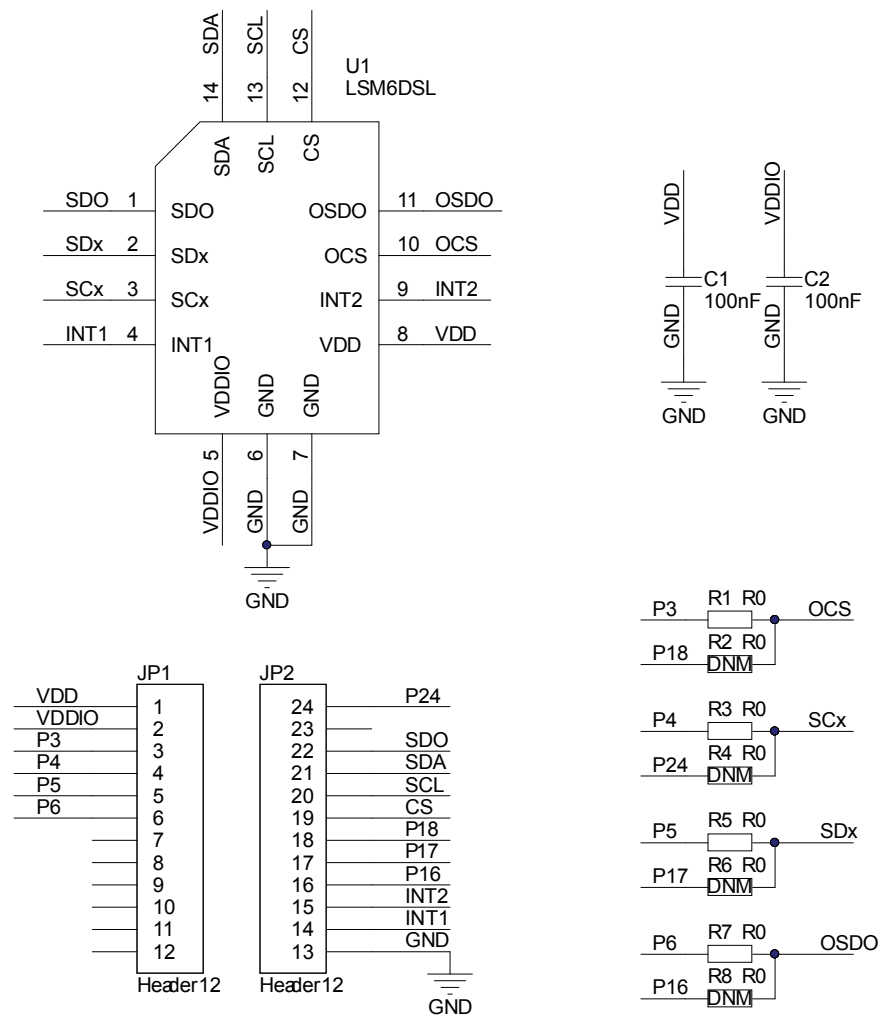


### Summary table

|   |                                 |
|---|---------------------------------|
| STEVAL-MKI178V2 adapter board   | <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. |
| 24-Mar-2020 | 2       | Update features. |

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