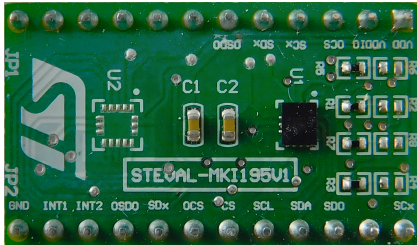


## LSM6DSRX adapter board for a standard DIL24 socket



### Features

- Complete LSM6DSRX pinout for a standard DIL24 socket
- Fully compatible with the STEVAL-MKI109V3 and STEVAL-MKI109D evaluation platforms
- RoHS compliant
- WEEE compliant

### Description

The [STEVAL-MKI195V1](#) is an adapter board designed to facilitate the evaluation of the [LSM6DSRX](#) 6-axis IMU (inertial measurement unit). The board offers an effective solution for fast system prototyping and device evaluation directly within the user's own application.

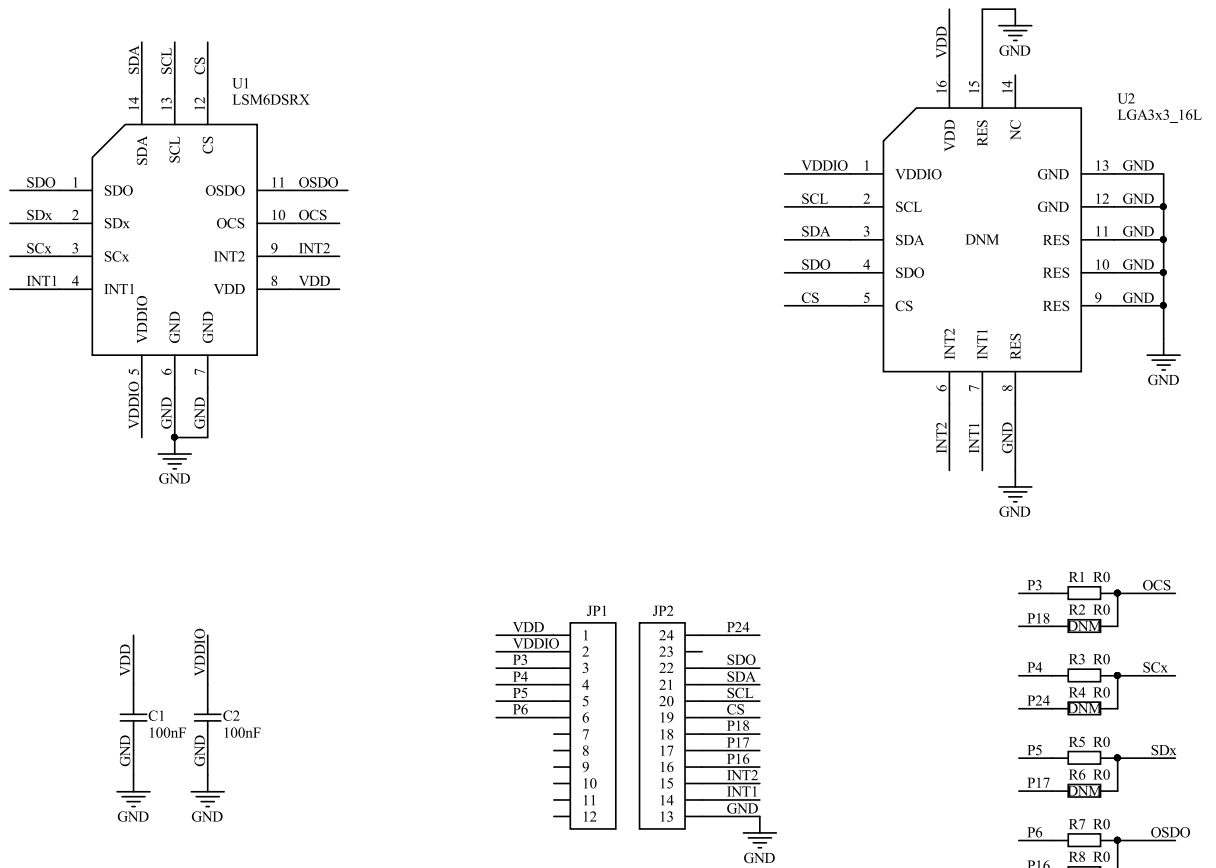
The STEVAL-MKI195V1 can be plugged into a standard DIL24 socket. The adapter provides the complete LSM6DSRX pinout and comes ready to use with the required decoupling capacitors on the  $V_{DD}$  power supply line.

This adapter is supported by the [STEVAL-MKI109V3](#) and [STEVAL-MKI109D](#) evaluation platforms with 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 [MEMS Studio](#) graphical user interface or dedicated software routines for customized applications.

Product summary	
LSM6DSRX adapter board for a standard DIL24 socket	<a href="#">STEVAL-MKI195V1</a>
LSM6DSRX - 6-axis IMU (inertial measurement unit) with embedded machine learning core: always-on 3-axis accelerometer and 3-axis gyroscope	<a href="#">LSM6DSRX</a>
Professional MEMS tool: ST MEMS adapters motherboard based on the STM32F401VE and compatible with all ST MEMS adapters	<a href="#">STEVAL-MKI109V3</a>
Professional MEMS tool: evaluation board for all ST MEMS sensors	<a href="#">STEVAL-MKI109D</a>

# 1 Schematic diagrams

Figure 1. STEVAL-MKI195V1 board schematic



## Revision history

**Table 1. Document revision history**

Date	Version	Changes
23-Sep-2019	1	Initial release
16-Jan-2025	2	Added STEVAL-MKI109D evaluation platform and MEMS Studio software solution Updated <a href="#">Product summary table</a> Minor textual updates

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