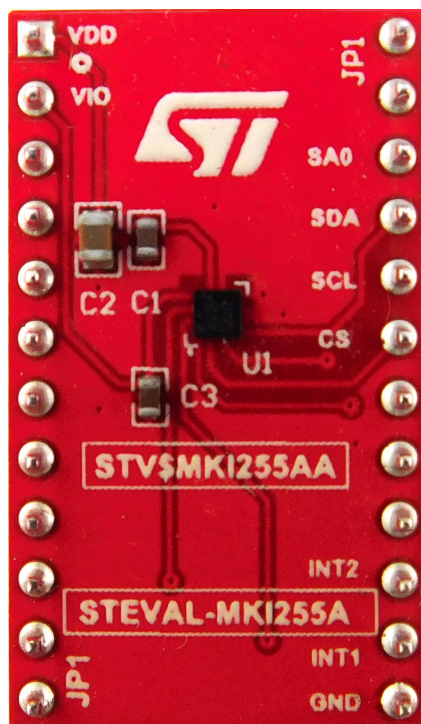


## MIS2DU12 adapter board for a standard DIL24 socket



### Features

- Complete MIS2DU12 pinout for a standard DIL 24 socket
- Fully compatible with STEVAL-MKI109D evaluation board
- RoHS compliant

### Description

The [STEVAL-MKI255A](#) is an adapter board designed to facilitate the evaluation of MEMS devices in the [MIS2DU12](#) product family.

The board offers an effective solution for fast system prototyping and device evaluation directly within the user's own application.

The [STEVAL-MKI255A](#) can be plugged into a standard DIL 24 socket. The adapter provides the complete [MIS2DU12](#) pinout and comes ready-to-use with the required decoupling capacitors on the VDD power supply line.

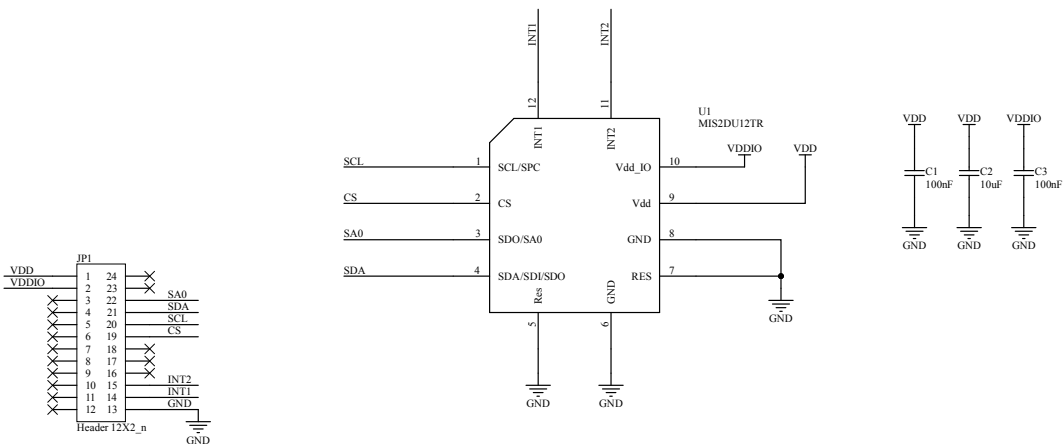
This adapter is supported by [STEVAL-MKI109D](#) evaluation board, which includes a high-performance 32-bit microcontroller functioning as a bridge between the sensor and a PC, on which it is possible to use the downloadable graphical user interface (MEMS Studio), or dedicated software routines for customized applications.

### Product summary

MIS2DU12 adapter board for a standard DIL24 socket	<a href="#">STEVAL-MKI255A</a>
Ultralow-power accelerometer with antialiasing and motion detection	<a href="#">MIS2DU12TR</a>
Professional MEMS tool: evaluation board for all ST MEMS sensors	<a href="#">STEVAL-MKI109D</a>
Application	<a href="#">Position and motion monitoring</a>

# 1 Schematic diagrams

Figure 1. STEVAL-MKI255A schematic



## 2 Board versions

**Table 1. STEVAL-MKI255A versions**

PCB version	Schematic diagrams	Bill of materials
STV\$MKI255AA <sup>(1)</sup>	STV\$MKI255AA schematic diagrams	STV\$MKI255AA bill of materials

1. This code identifies the STEVAL-MKI255A evaluation board first version. It is printed on the board PCB.

## Revision history

**Table 2. Document revision history**

Date	Revision	Changes
14-Jan-2026	1	Initial release.

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