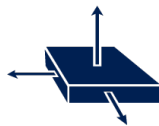
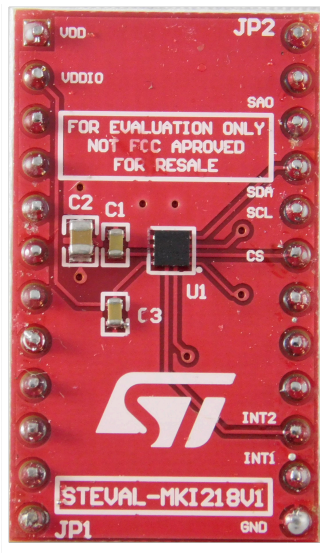


AIS2IH adapter board for a standard DIL24 socket



Features

- Complete AIS2IH pinout for a standard DIL24 socket
- Fully compatible with the STEVAL-MKI109D evaluation platform
- RoHS compliant

Description

The **STEVAL-MKI218V1** is an adapter board designed to facilitate the evaluation of the **AIS2IH** 3-axis accelerometer for automobile applications. The board offers an effective solution for fast system prototyping and device evaluation directly within the user's own application.

The **STEVAL-MKI218V1** can be plugged into a standard DIL24 socket. The adapter provides the complete AIS2IH pinout and comes ready to use with the required decoupling capacitors on the VDD power supply line.

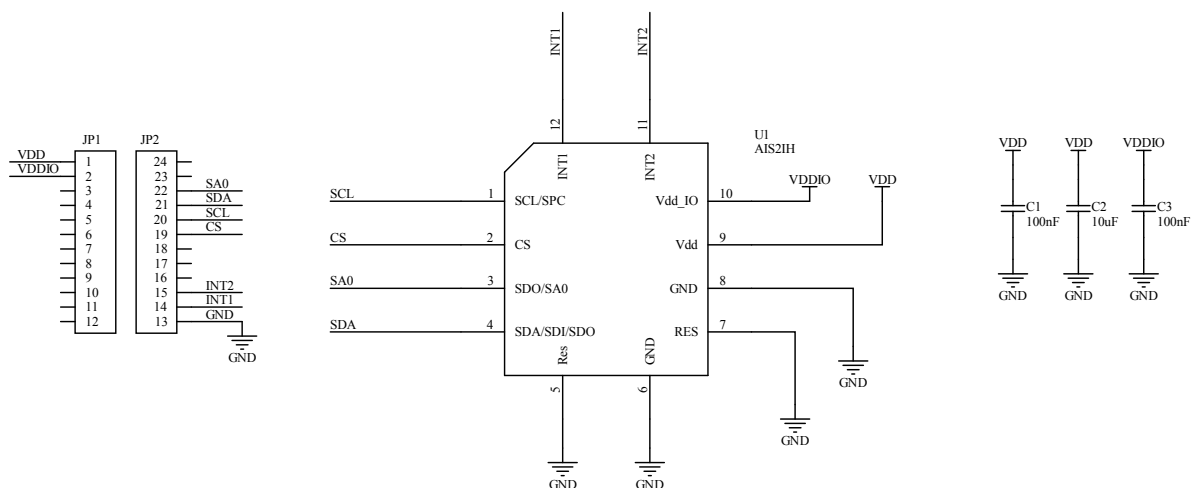
This adapter is supported by the **STEVAL-MKI109D** evaluation platform that includes a high-performance 32-bit microcontroller functioning as a bridge between the sensor and a PC, on which it is possible to use the downloadable **MEMS Studio** graphical user interface or dedicated software routines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

Product summary

AIS2IH adapter board for a standard DIL24 socket	STEVAL-MKI218V1
MEMS digital output motion sensor: high-performance 3-axis accelerometer for automobile applications	AIS2IH
Professional MEMS tool: evaluation board for all ST MEMS sensors	STEVAL-MKI109D

1 Schematic diagrams

Figure 1. STEVAL-MKI218V1 circuit schematics



Revision history

Table 1. Document revision history

Date	Version	Changes
09-Nov-2020	1	Initial release
21-Mar-2025	2	Added STEVAL-MKI109D evaluation platform and MEMS Studio software solution

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