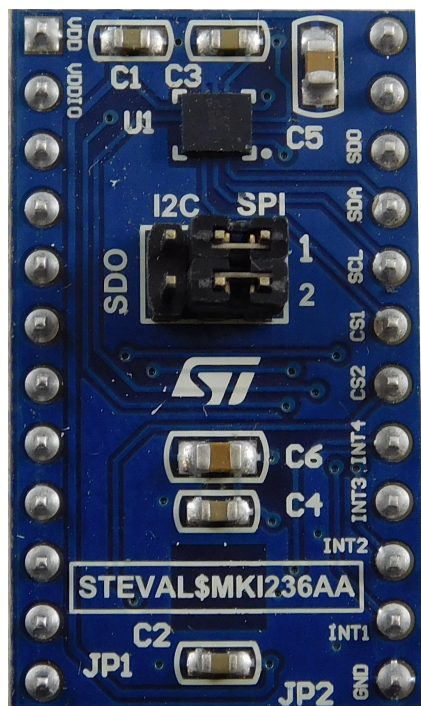


2xASM330LHB adapter board for a standard DIL24 socket



Features

- Complete ASM330LHB pinout for a standard DIL 24 socket
- Fully compatible with the STEVAL-MKI109V3 motherboard
- RoHS compliant

Description

The **STEVAL-MKI236A** is an adapter board designed to facilitate the evaluation of MEMS devices in the ASM330LHB product family.

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

The **STEVAL-MKI236A** can be plugged into a standard DIL 24 socket. The adapter provides the complete **ASM330LHB** pinout and comes ready-to-use with the required decoupling capacitors on the VDD and VDDIO power supply lines.

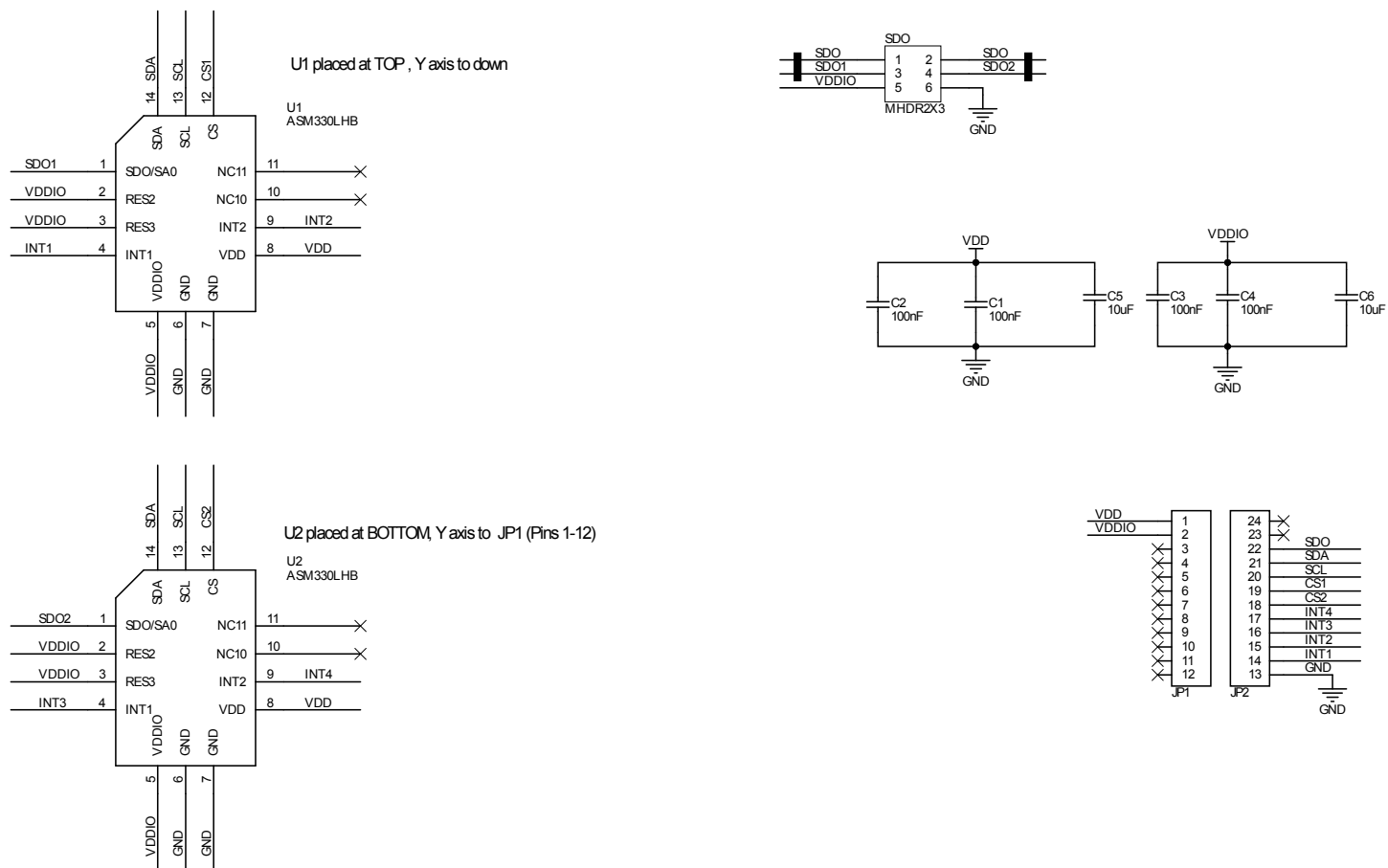
This adapter is supported by **STEVAL-MKI109V3** motherboard, which includes a high performance 32-bit microcontroller functioning as a bridge between the sensor and a PC.

The downloadable graphical user interface (Unico-GUI), or dedicated software routines can be used for customized applications.

Product summary	
2xASM330LHB adapter board for a standard DIL24 socket	STEVAL-MKI236A
High-accuracy automotive 6-axis inertial module for car electronic control units with ASIL-B certification	ASM330LHB
Professional MEMS tool: ST MEMS adapters motherboard based on the STM32F401VE and compatible with all ST MEMS adapters	STEVAL-MKI109V3
Applications	Industrial Safety

Schematic diagram

Figure 1. STEVAL-MKI236A circuit schematic



2 Board versions

Table 1. STEVAL-MKI236A versions

Finished good	Schematic diagrams	Bill of materials
STEVAL\$MKI236AA ⁽¹⁾	STEVAL\$MKI236AA schematic diagrams	STEVAL\$MKI236AA bill of materials

1. This code identifies the STEVAL-MKI236A evaluation board first version.

Revision history

Table 2. Document revision history

Date	Revision	Changes
20-Mar-2023	1	Initial release.

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