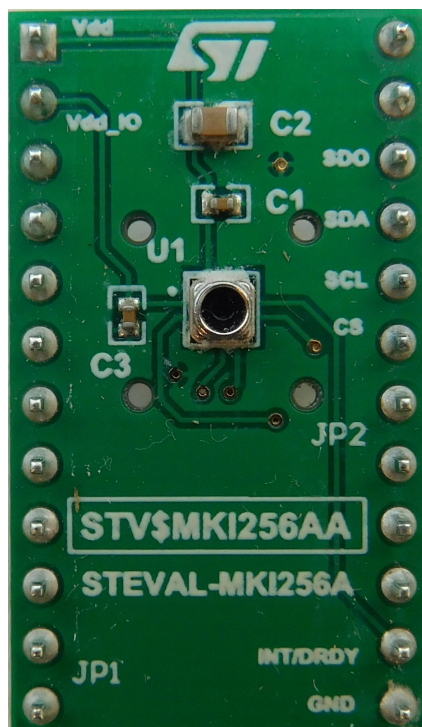


LPS27DEWO adapter board for a standard DIL24 socket



Features

- Complete LPS27DEWO pinout for a standard DIL 24 socket
- Fully compatible with STEVAL-MKI109D evaluation board
- RoHS compliant

Description

The **STEVAL-MKI256A** is an adapter board designed to facilitate the evaluation of MEMS devices in the **LPS27DEWO** product family.

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

The **STEVAL-MKI256A** can be plugged into a standard DIL 24 socket. The adapter provides the complete **LPS27DEWO** pinout and comes ready-to-use with the required decoupling capacitors on the VDD power supply line.

The **STEVAL-MKI256A** supports the **STEVAL-MKI109D**, which includes a high-performance 32-bit microcontroller functioning as a bridge between the sensor and a PC.

The downloadable graphical user interface (MEMS Studio), or dedicated software routines for customized applications are supported.

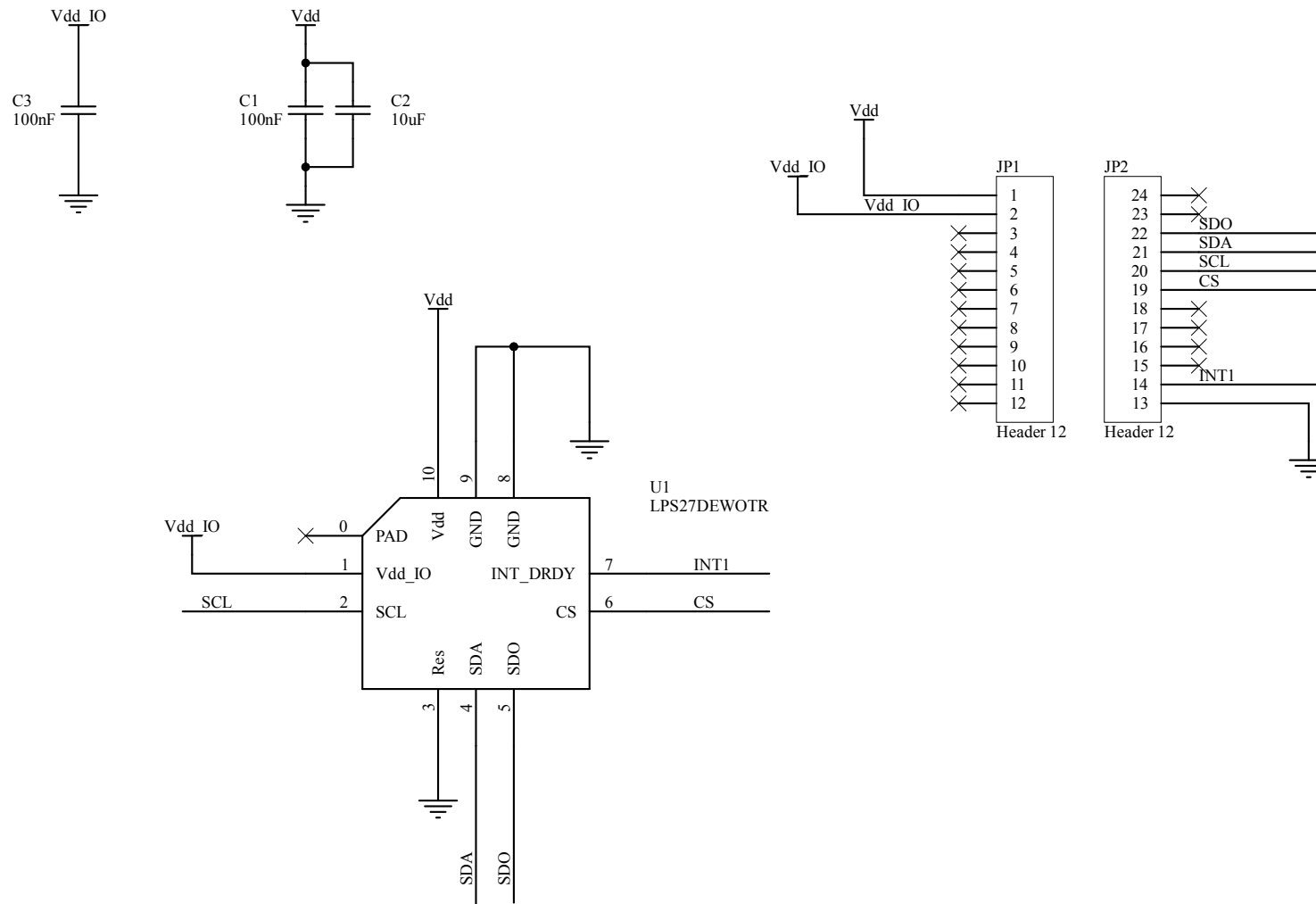
Product summary

LPS27DEWO adapter board for a standard DIL24 socket	STEVAL-MKI256A
Professional MEMS tool: evaluation board for all ST MEMS sensors	STEVAL-MKI109D
Dual full-scale, 1260 hPa and 6060 hPa, absolute digital output barometer in a water-resistant package	LPS27DEWOTR
Applications	Smart and sport watches

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Schematic diagrams

Figure 1. STEVAL-MKI256A schematic



2 Board versions

Table 1. STEVAL-MKI256A versions

PCB version	Schematic diagrams	Bill of materials
STV\$MKI256AA ⁽¹⁾	STV\$MKI256AA schematic diagrams	STV\$MKI256AA bill of materials

1. This code identifies the STEVAL-MKI256A evaluation board first version. It is printed on the board PCB.

Revision history

Table 2. Document revision history

Date	Revision	Changes
22-Sep-2026	1	Initial release.

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