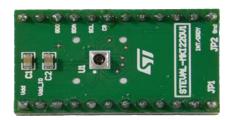


Data brief

## LPS27HHTW adapter board for a standard DIL 24 socket



#### **Features**

- Complete LPS27HHTW pinout for a standard DIL 24 socket
- Fully compatible with the STEVAL-MKI109V3 motherboard
- RoHS compliant



### **Description**

The STEVAL-MKI220V1 is an adapter board designed to facilitate the evaluation of MEMS devices in the LPS27HHTW product family. The board offers an effective solution for fast system prototyping and device evaluation directly within the user's own application.

The STEVAL-MKI220V1 can be plugged into a standard DIL 24 socket. The adapter provides the complete LPS27HHTW pinout and comes ready-to-use with the required decoupling capacitors on the  $V_{DD}$  power supply line.

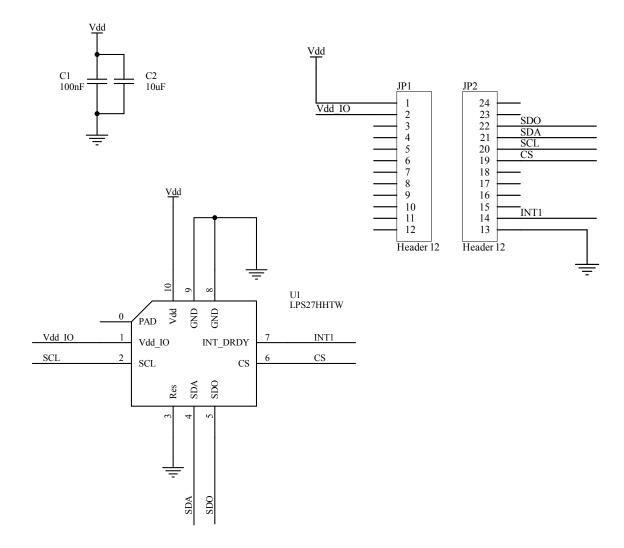
This adapter is supported by the STEVAL-MKI109V3 motherboard with high performance 32-bit microcontroller functioning as a bridge between the sensor and a PC, on which it is possible to use the downloadable graphical user interface (Unico GUI), or dedicated software routines for customized applications.

Product summary		
LPS27HHTW adapter board for a standard DIL24 socket	STEVAL- MKI220V1	
High-resolution, high- stability 3-axis digital inclinometer for industrial applications	LPS27HHTW	
ST MEMS adapter motherboard based on STM32F401VE compatible ST MEMS adapters	STEVAL- MKI109V3	



# 1 Schematic diagrams

Figure 1. STEVAL-MKI220V1 board schematics



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# **Revision history**

**Table 1. Document revision history** 

Date	Version	Changes
01-Dec-2020	1	Initial release.

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