



LPS27HHW adapter board for a standard DIL24 socket



Features

- Complete LPS27HHW pinout for a standard DIL 24 socket
- Fully compatible with STEVAL-MKI109V3 motherboards
- RoHS compliant
- · WEEE compliant



Description

The STEVAL-MKI213V1 is an adapter board designed to facilitate the evaluation of MEMS devices in the LPS27HHW product family. The board offers an effective solution for fast system prototyping and device evaluation directly within the user's own application.

The STEVAL-MKI213V1 can be plugged into a standard DIL 24 socket. The adapter provides the complete LPS27HHW pin-out and comes ready-to-use with the required decoupling capacitors on the VDD 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		
LPS27HHW adapter board for standard DIL24 socket	STEVAL- MKI213V1	
MEMS pressure sensor: 260-1260 hPa absolute digital output barometer with water resistant package.	LPS27HHW	
ST MEMS adapter motherboard based on STM32F401VE compatible ST MEMS adapters	STEVAL- MKI109V3	



1 Schematic diagrams

Vdd IO 1 | Vdd IO 2 | Vdd IO 3 | Vdd IO 5 |

Figure 1. STEVAL-MKI213V1 board schematic

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Revision history

Table 1. Document revision history

Date	Version	Changes
26-Nov-2019	1	Initial release.

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