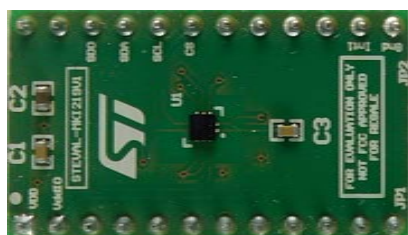


LPS22CH adapter board for a standard DIL24 socket



Features

- Complete LPS22CH pin-out for a standard DIL 24 socket
- Fully compatible with the STEVAL-MKI109V3 motherboard
- RoHS compliant

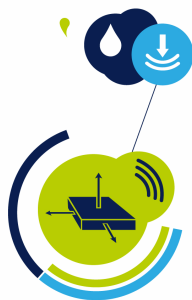
Description

The STEVAL-MKI219V1 is an adapter board designed to facilitate the evaluation of MEMS devices in the LPS22CH product family. The board offers an effective solution for fast system prototyping and device evaluation directly within the user's own application.

The STEVAL-MKI219V1 can be plugged into a standard DIL 24 socket.

The adapter provides the complete LPS22CH pin-out and comes ready-to-use with the required decoupling capacitors on the V_{DD} power supply line.

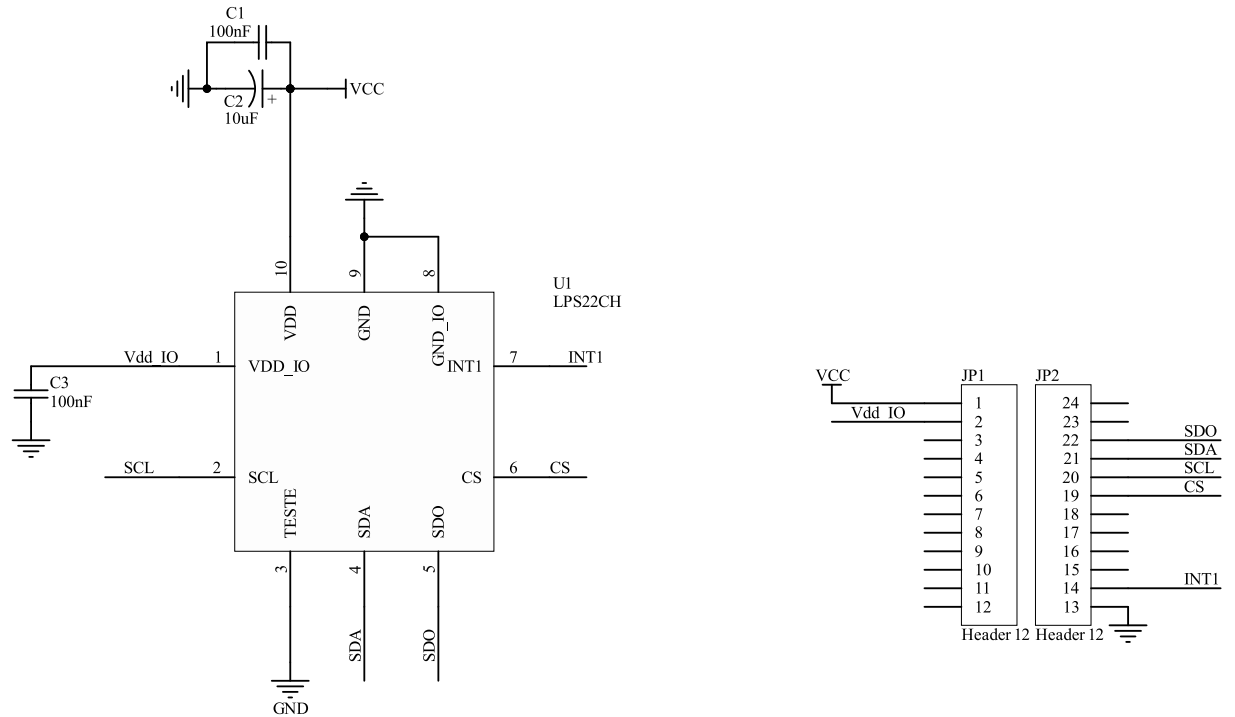
This adapter is supported by the STEVAL-MKI109V3 motherboard with high performance 32-bit microcontroller functioning as a bridge between the sensor and a PC, on which it is possible to use the downloadable graphical user interface (Unico-GUI), or dedicated software routines for customized applications.



Product summary	
LPS22CH adapter board for a standard DIL24 socket	STEVAL-MKI219V1
High-performance MEMS nano pressure sensor: 260-1260 hPa absolute digital output barometer	LPS22CH
ST MEMS adapter motherboard based on STM32F401VE compatible ST MEMS adapters	STEVAL-MKI109V3
Applications	IoT for Smart Things

1 Schematic diagrams

Figure 1. STEVAL-MKI219V1 circuit schematic



Revision history

Table 1. Document revision history

Date	Version	Changes
09-Feb-2021	1	Initial release.

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