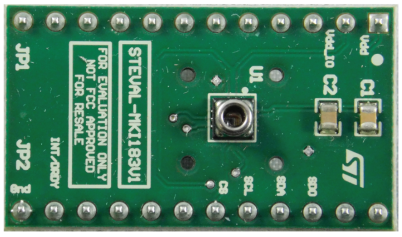
STEVAL-MKI183V1

Data brief

LPS33HW adapter board for a standard DIL24 socket



Features

- Complete LPS33HW pinout for a standard DIL 24 socket
- Fully compatible with and STEVAL-MKI109V3 motherboards
- RoHS compliant

Description

The STEVAL-MKI183V1 is an adapter board designed to facilitate the evaluation of MEMS devices in the LPS33HW product family. The board offers an effective solution for fast system prototyping and device evaluation directly within the user's own application.

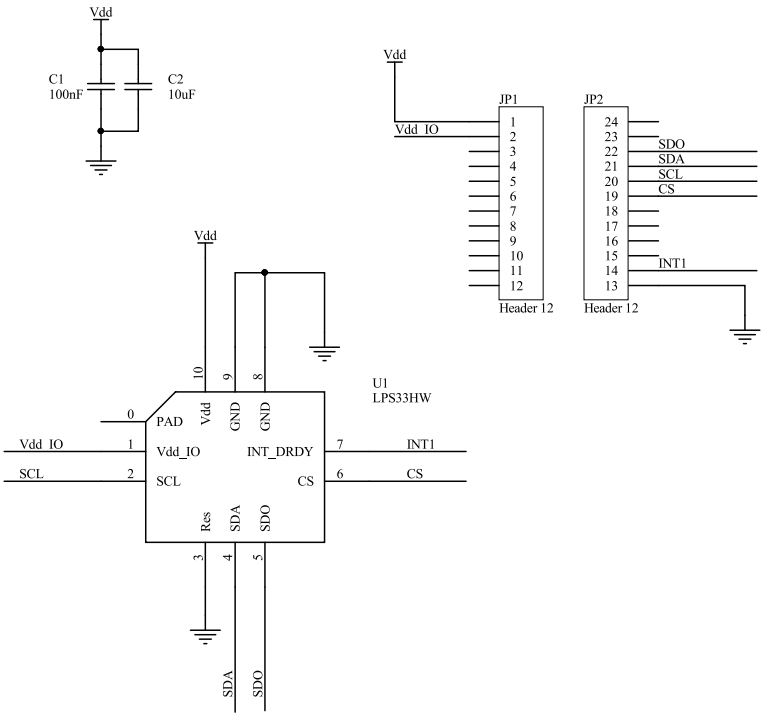
The STEVAL-MKI183V1 can be plugged into a standard DIL 24 socket. The adapter provides the complete LPS33HW pin-out and comes ready-to-use with the required decoupling capacitors on the VDD power supply line.

This adapter is supported by the STEVAL-MKI109V3 motherboards which includes a 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	
LPS33HW adapter board for a standard DIL24 socket	STEVAL-MKI183V1
Piezoresistive absolute pressure sensor, 260-1260 hPa, digital output barometer, water resistant package	LPS33HW
ST MEMS adapter motherboard based on the STM32F401VET6 compatible with ST MEMS adapters	STEVAL-MKI109V3

1 Schematic diagrams

Figure 3. **STEVAL-MKI183V1 - circuit schematic**



Revision history

Table 1. **Document revision history**

Date	Version	Changes
20-Nov-2017	1	Initial release.
04-Mar-2019	2	Updated Section 1 Schematic diagram