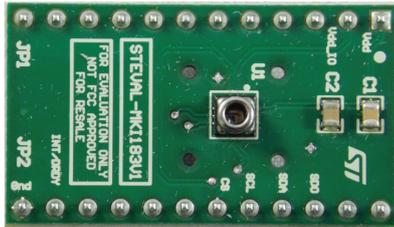


LPS33HW adapter board for a standard DIL24 socket



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.

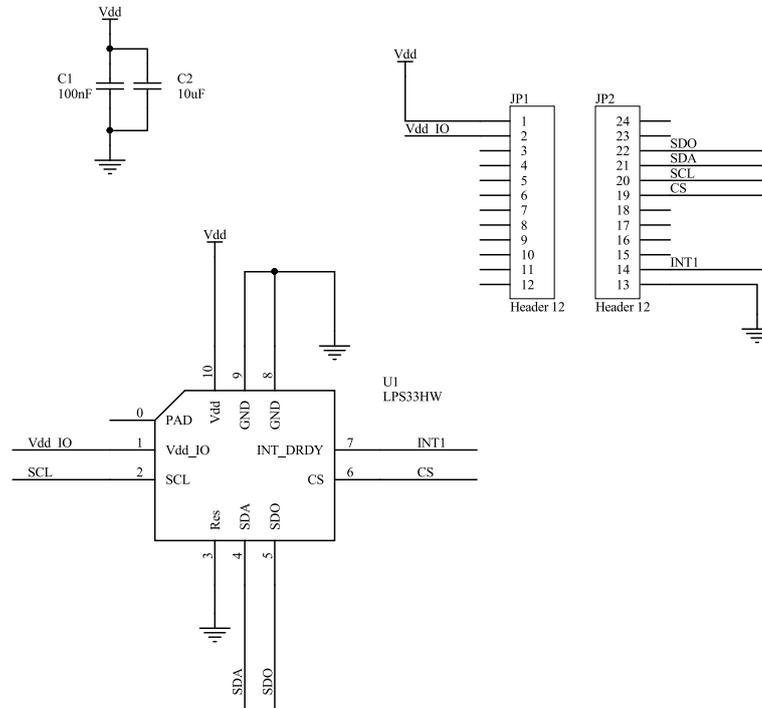
The [STEVAL-MKI183V1](#) can be plugged into a standard DIL 24 socket. The adapter provides the complete LPS33HW pin-out and comes ready-to-use with the required decoupling capacitors on the VDD power supply line.

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

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