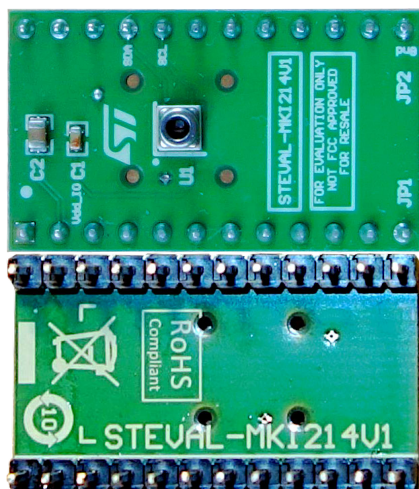


## LPS33W adapter board for a standard DIL24 socket



### Features

- Complete LPS33K pinout for a standard DIL 24 socket
- Fully compatible with STEVAL-MKI109V3 motherboards
- RoHS compliant

### Description

The STEVAL-MKI214V1 is an adapter board designed to facilitate the evaluation of MEMS devices in the LPS33W product family. The board offers an effective solution for fast system prototyping and device evaluation directly within the user's own application.

The STEVAL-MKI214V1 can be plugged into a standard DIL 24 socket. The adapter provides the complete LPS33W pin-out and comes ready-to-use with the required decoupling capacitors on the VDD power supply line.

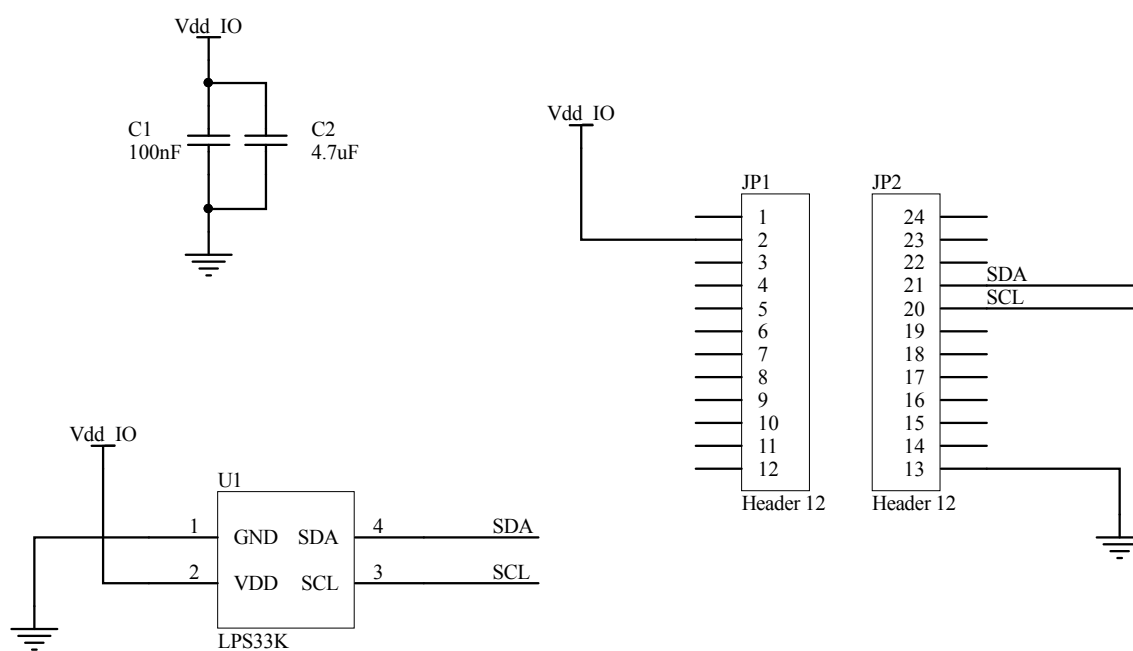
This adapter is supported by the STEVAL-MKI109V3 motherboard with high performance 32-bit microcontroller functioning as a bridge between the sensor and a PC, on which it is possible to use the downloadable graphical user interface (Unico GUI), or dedicated software routines for customized applications.

The adapter board can be also plugged into following boards: X-NUCLEO-IKS01A2, X-NUCLEO-IKS01A1 and X-NUCLEO-IKS01A3.

Product summary	
LPS33W adapter board for a standard DIL24 socket	STEVAL-MKI214V1
MEMS pressure sensor: 260-1260 hPa absolute digital output barometer with potted gel package	LPS33W
ST MEMS adapter motherboard based on STM32F401VE compatible ST MEMS adapters	STEVAL-MKI109V3

## 1 Schematic diagrams

Figure 1. STEVAL-MKI214V1 board schematic



## Revision history

**Table 1. Document revision history**

Date	Version	Changes
14-Jul-2020	1	Initial release.

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