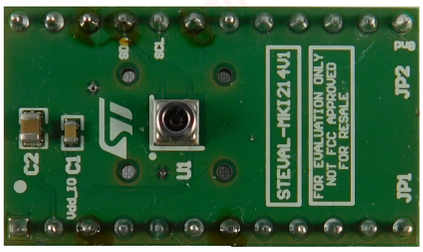
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STEVAL-MKI214V1

Data brief

LPS33K 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 LPS33K 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 LPS33K 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.

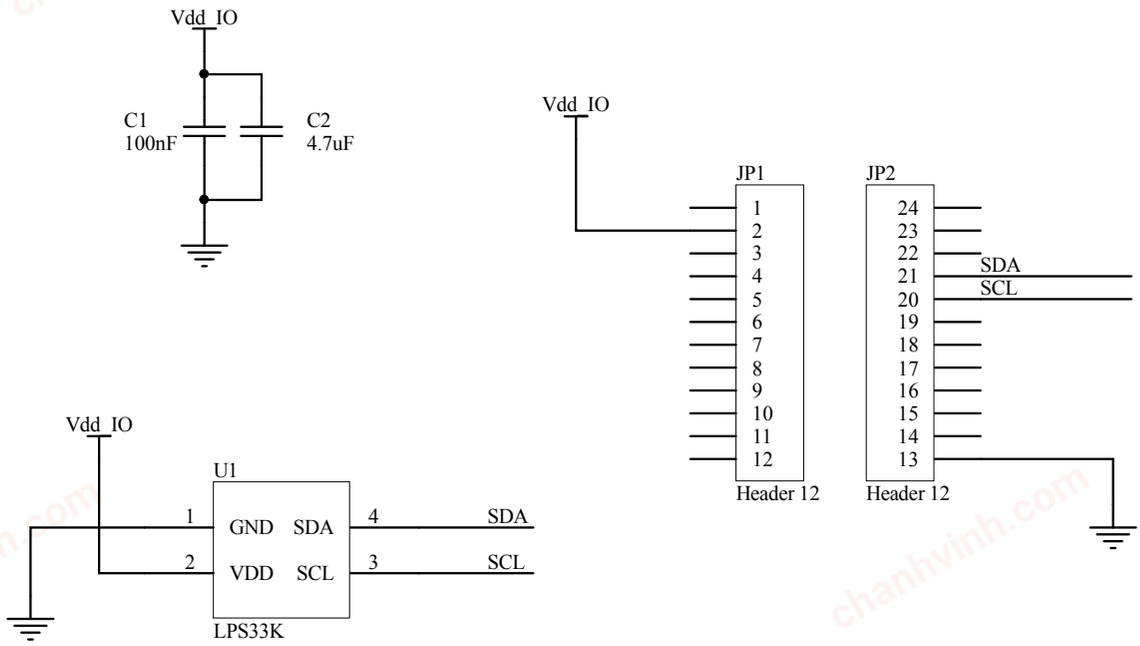
The adapter board can be also plugged into following boards: X-NUCLEO-IKS01A2, X-NUCLEO-IKS01A1 and X-NUCLEO-IKS01A3.

Product summary	
LPS33W adapter board for a standard DIL24 socket	STEVAL-MKI214V1
MEMS pressure sensor: 300-1200 hPa absolute digital output barometer with potted gel package	LPS33K
ST MEMS adapter motherboard based on STM32F401VE compatible ST MEMS adapters	STEVAL-MKI109V3

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1 Schematic diagrams

Figure 1. **STEVAL-MKI214V1 board schematic**



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Revision history

Table 1. **Document revision history**

Date	Version	Changes
14-Jul-2020	1	Initial release.
20-Jul-2020	2	Updated core product.
23-Jul-2020	3	Updated cover image.

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