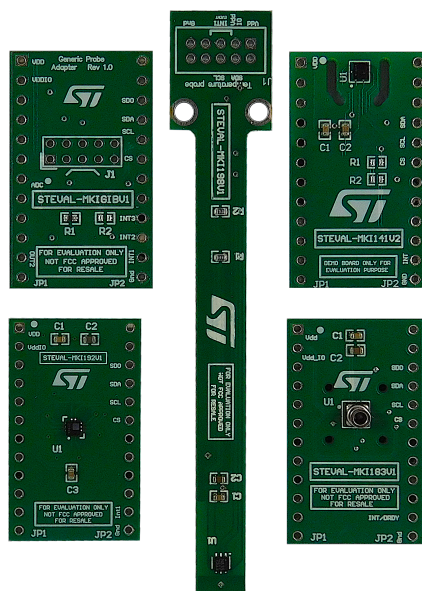


Environmental MEMS sensor sample kit



Features

- [STEVAL-MKI198V1K](#) temperature kit for [STTS751](#):
 - low-voltage local digital temperature sensor
- [STEVAL-MKI141V2](#) adapter board for [HTS221](#):
 - digital sensor for relative humidity and temperature
- [STEVAL-MKI192V1](#) adapter board for [LPS22HH](#):
 - digital nano pressure sensor
- [STEVAL-MKI183V1](#) adapter board for [LPS33HW](#):
 - Piezoresistive absolute pressure sensor, 260-1260 hPa, digital output barometer, water resistant package

Description

The STEVAL-MKIT03V1 is a MEMS sensor sample kit containing four sensor adapter boards that can be evaluated in standalone mode by simply connecting an I²C cable.

The [STEVAL-MKI109V3](#) evaluation board, based on the [STM32F401VET6](#) microcontroller, can be used for a more in-depth evaluation, as a bridge between the sensor adapter boards and a PC running STMicroelectronics graphical user interface (GUI) or an X-NUCLEO expansion board.

Product summary

HTS221 humidity sensor adapter board for a standard DIL24 socket	STEVAL-MKI141V2
LPS33HW adapter board for a standard DIL24 socket	STEVAL-MKI183V1
LPS22HH adapter board for a standard DIL24 socket	STEVAL-MKI192V1
Temperature probe kit based on STTS751	STEVAL-MKI198V1K

Revision history

Table 1. Document revision history

Date	Version	Changes
04-Oct-2019	1	Initial release.

IMPORTANT NOTICE – PLEASE READ CAREFULLY

STMicroelectronics NV and its subsidiaries ("ST") reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST's terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers' products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. For additional information about ST trademarks, please refer to www.st.com/trademarks. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2019 STMicroelectronics – All rights reserved

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[STMicroelectronics:](#)

[STEVAL-MKIT03V1](#)