Environmental MEMS sensor sample kit
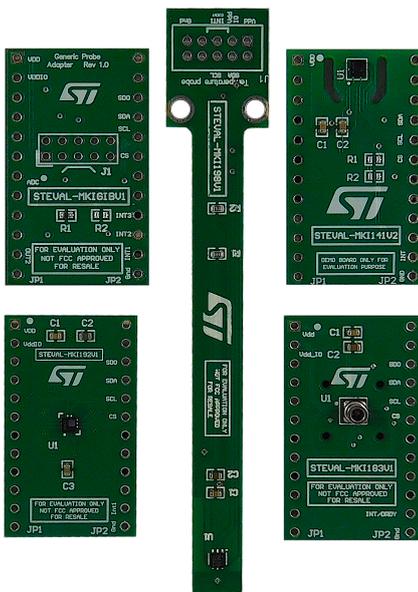
Features

- **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 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

DB4024 - Rev 1 - October 2019
For further information contact your local STMicroelectronics sales office.

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Revision history

Table 1. Document revision history

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

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