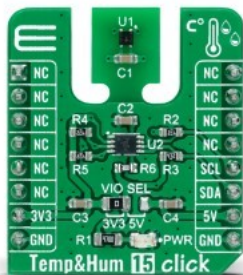


Temp&Hum 15 Click



PID: MIKROE-4496

Temp&Hum 15 Click is a compact add-on board that contains the 4th generation of best-in-class humidity sensing solution. This board features the SHT40, high-accuracy ultra-low-power 16-bit relative humidity and temperature sensor from Sensirion. It provides constant temperature accuracy, up to 0.1°C, and shows the best performance when operated within the recommended average temperature and humidity range of 5-60°C and 20-80%RH. The fully calibrated sensor offers linearized digital output, NIST traceability, and I2C Fast Mode Plus. It is reflow solderable and operational in condensing environments. This Click board™ is an ideal solution to be used in various temperature and humidity-related applications.

Temp&Hum 15 Click is supported by a [mikroSDK](#) compliant library, which includes functions that simplify software development. This [Click board™](#) comes as a fully tested product, ready to be used on a system equipped with the [mikroBUS™](#) socket.

Mikroe produces entire development toolchains for all major microcontroller architectures.

Committed to excellency, we are dedicated to helping engineers bring the project development up to speed and achieve outstanding results.



ISO 27001: 2013 certification of informational security management system.
 ISO 14001: 2015 certification of environmental management system.
 OHSAS 18001: 2008 certification of occupational health and safety management system.



ISO 9001: 2015 certification of quality management system (QMS).

Specifications

Type	Temperature & humidity
Applications	Can be used in various temperature and humidity-related applications
On-board modules	SHT40 - high-accuracy ultra-low-power 16-bit relative humidity and temperature sensor from Sensirion
Interface	I2C
ClickID	No
Compatibility	mikroBUS
Click board size	S (28.6 x 25.4 mm)
Input Voltage	3.3V or 5V

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click boards™](#)

Downloads

[Temp&Hum 15 click 2D and 3D files](#)

[SHT40 datasheet](#)

[Temp&Hum 15 click schematic](#)

[Temp&Hum 15 click example on Libstock](#)

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