

## Environment Click



PID: MIKROE-2467

**Environment click** measures temperature, relative humidity, pressure and VOC (Volatile Organic compounds gases). The click carries the [BME680](#) environmental sensor from Bosch. Environment click is designed to run on a 3.3V power supply. It communicates with the target microcontroller over SPI or I2C interface.

You can use it to test your indoor air quality, to control HVAC (heating, ventilation, and air conditioning) systems, in a weather station, sports applications and more.

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	Environmental
Applications	Indoor air quality measurement, personalized weather station, home automation control, measuring ambient temperature, etc.
On-board modules	BME680 integrated environmental sensor
Key Features	A digital 4-in-1 sensor with gas, humidity, pressure and temperature measurement
Interface	I2C,SPI
ClickID	Manifest,No
Compatibility	mikroBUS
Click board size	S (28.6 x 25.4 mm)
Input Voltage	3.3V

## Resources

[mikroBUS™](#)

[Click board™ Catalog](#)

[Click Boards™](#)

## Downloads

[BME680 datasheet](#)

[Environment click schematic](#)

[Environment click 2D and 3D files](#)

[Environment click example on Libstock](#)

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