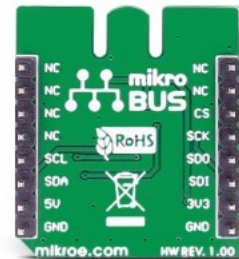


## Weather Click



PID: MIKROE-1978

**Weather click** carries [BME280](#) integrated environmental unit from Bosch. It's a sensor that detects humidity, pressure, and temperature, specifically designed for low current consumption and long-term stability. The click is designed to work on a 3.3V power supply. It communicates with the target microcontroller over SPI or I2C interface.

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	Context awareness, home automation control, personalized weather stations, sport and fitness tools and so on
On-board modules	Bosch BME280
Key Features	Three sensors in one: pressure, humidity, temperature. Humidity sensor response time: 1 sec. Multiple operating modes: sleep, force, normal
Interface	I2C,SPI
Compatibility	mikroBUS
Click board size	S (28.6 x 25.4 mm)
Input Voltage	3.3V

## Resources

[mikroBUS™](#)

[Click board™ Catalog](#)

[Click Boards™](#)

## Downloads

[Weather click example on Libstock](#)

[Weather click schematic](#)

[BME280 datasheet](#)

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