



# ENVIRONMENT 3 CLICK

PID: MIKROE-6196

Weight: 16 g

**Environment 3 Click** is a compact add-on board that contains a four-in-one environmental measurement solution. This board features [BME688](#), a first gas sensor with Artificial Intelligence (AI), and integrated high-linearity/high-accuracy pressure, humidity, and temperature sensors from [Bosch Sensortec](#). The BME688 can detect Volatile Organic Compounds (VOCs), Volatile Sulfur Compounds (VSCs), and other gases such as carbon monoxide and hydrogen in part per billion (ppb) range. It provides absolute temperature accuracy, typical of  $\pm 1^\circ\text{C}$ , and best performance when operated within the pressure, temperature, and humidity range of 300-110hPa, 0-65°C, and 10-90%RH. Also, it comes with a configurable host interface that supports both SPI and I2C serial communication. This Click board™ is suitable for indoor and outdoor air quality measurement, detection of unusual gases and smells, and various temperature and humidity-related applications.

Environment 3 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.

**NOTE:** Besides the 3.3V version of the Click board™ (MIKROE-4893), the Environment 3 Click is now also available in a 1.8V low-power version (MIKROE-6196), ideal for battery-powered applications and energy-efficient projects. Both products are now available in the MIKROE shop.