Item no.: 358634
MKR ENV Shield rev2

from **37,42 EUR**

Item no.: 358634
shipping weight: 0.10 kg
Manufacturer: Arduino

📄 Product Description

These sensors are of the latest generation and measure:

- Atmospheric pressure
- Temperature and humidity
- Light intensity (in LUX, max 650)

To help you build projects and store the data collected locally, this shield has a slot for a microSD card (not provided).
There is a ready to use library with examples and methods to read values from the different sensors that provides an easy and smooth integration path.
Sensors used:

- ST LPS22HB: Atmospheric pressure
- ST HTS221: Temperature and humidity
- VISHAY TEMT6000: Lux of the ambient

- ICs: LPS22HB, TEMT6000
- Input voltage: 3.3 V
- Operating voltage: 3.3 V
- Ranges: Pressure: 260 to 1260 hPa; rH sensitivity: 0.004% rH/LSB; Humidity accuracy: ± 3.5% rH, 20 to +80% rH; UVA, UVB and UVBI measurment; 0 to 650 Lux
- Communication: I2C/analog
- Length: 61 mm
- Width: 25 mm
- Weight: 32 g

📄 Specifications

Scan this QR code to view the product
All details, up-to-date prices and availability