Item no.: 353126
ASX00017 - MKR GPS Positioning Shield

from **31,51 EUR**

Item no.: 353126
shipping weight: 0.10 kg
Manufacturer: Arduino

📄 Product Description

Arduino MKR GPS Shield

If you are experimenting with monitoring fleets, high-altitude scientific experiments, or any kind of project requiring localization of devices, the MKR GPS Shield will offer you the functionality you need, and it is plug'n'play!

The MKR GPS Shield is based on the u-blox SAM-M8Q GNSS (Global Navigation Satellite System) module. It is meant to be used on top of boards in the MKR format, but thanks to its Eslov connector, it is also possible to hook it up to any board having that kind of connector available using a cable.

This module is designed to operate with different positioning services concurrently. It receives and processes the signals from GPS, GLONASS, and Galileo. It interfaces with Arduino boards either through a serial interface, when used with headers and put on top of a MKR board, or through an I2C interface and a dedicated ESLOV cable supplied as bundle.

- GNSS receiver: u-blox module SAM-M8Q
- Connectors: MKR headers/Eslov
- Input voltage: 3.3 V
- Operating voltage: 3.3 V
- Backup battery: CR1216
- Communication: Serial/I2C/DCC
- Length: 45 mm
- Width: 25 mm
- Weight: 14 g

📄 Specifications

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