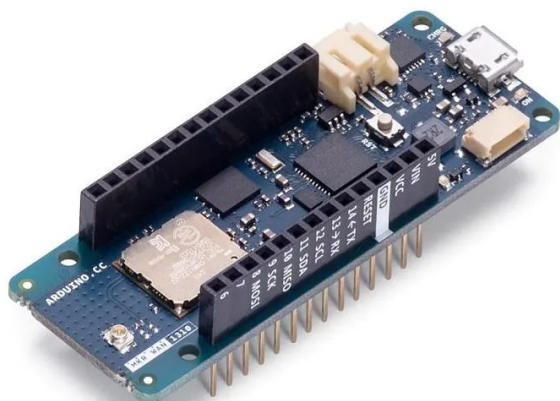


Item no.: 353136

ABX00029 - MKR WAN 1310 Board for LoRa® connectivity

from **45,89 EUR**

Item no.: 353136
shipping weight: 0.10 kg
Manufacturer: Arduino



Product Description

ABX00029 - Arduino MKR WAN 1310 Board

Ever wanted an automated house? Or a smart garden? Well, now it's easy with the Arduino IoT Cloud compatible boards. It means: you can connect devices, visualize data, control and share your projects from anywhere in the world. Whether you're a beginner or a pro, Arduino has a wide range of plans to make sure you get the features you need.

The Arduino MKR WAN 1310 board provides a practical and cost effective solution to add LoRa® connectivity to projects requiring low power. This open source board can be connected to the Arduino IoT Cloud.

- Microcontroller: SAMD21 Cortex®-M0+ 32bit low power ARM MCU
- Radio module: CMWX1ZZABZ
- Board power supply (USB/VIN): 5 V
- Secure element: ATECC508
- Supported batteries: Rechargeable Li-Ion, or Li-Po, 1024 mAh minimum capacity
- Circuit operating voltage: 3.3 V
- Digital I/O pins: 8
- PWM pins: 13 (0 .. 8, 10, 12, 18/A3, 19/A4)
- UART: 1
- SPI: 1
- I2C: 1
- Analog input pins: 7 (ADC 8/10/12 bit)
- Analog output pins: 1 (DAC 10 bit)
- External interrupts: 8 (0, 1, 4, 5, 6, 7, 8, 16/A1, 17/A2)
- DC current per I/O pin: 7 mA
- CPU Flash memory: 256 KB (internal)
- QSPI Flash memory: 2 MByte (external)
- SRAM: 32 KB
- EEPROM: No
- Clock speed: 32.768 kHz (RTC), 48 MHz
- LED built-in: 6
- USB: Full-speed USB device and embedded host
- Antenna gain: 2 dB (bundled pentaband antenna)
- Carrier frequency: 433/868/915 MHz
- Working region: EU/US (confirmed) other countries check your region's spectrum availability
- Length: 67.64 mm
- Width: 25 mm
- Weight: 32 g

Specifications

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

