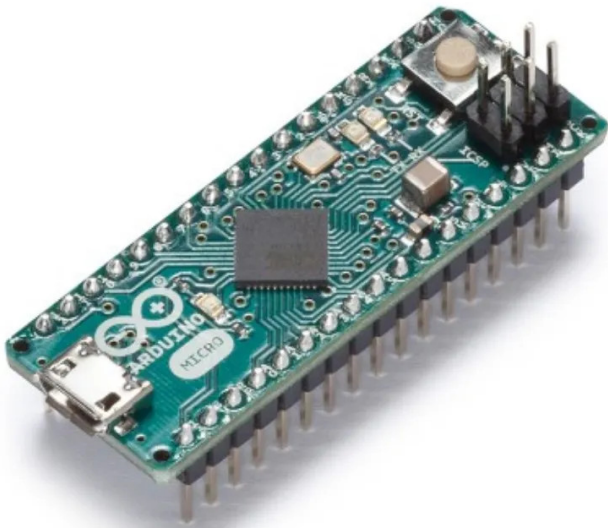


Item no.: 326429

A000053 - Arduino Micro

from **21,38 EUR**

Item no.: 326429
shipping weight: 0.10 kg
Manufacturer: Arduino



Product Description

Arduino Micro

The Micro is a microcontroller board based on the ATmega32U4, developed in conjunction with Adafruit. It has 20 digital input/output pins (of which 7 can be used as PWM outputs and 12 as analog inputs), a 16 MHz crystal oscillator, a micro USB connection, an ICSP header, and a reset button. It contains everything needed to support the microcontroller; simply connect it to a computer with a micro USB cable to get started. It has a form factor that enables it to be easily placed on a breadboard.

The Micro board is similar to the Arduino Leonardo in that the ATmega32U4 has built-in USB communication, eliminating the need for a secondary processor. This allows the Micro to appear to a connected computer as a mouse and keyboard, in addition to a virtual (CDC) serial / COM port. It also has other implications for the behavior of the board.

- Microcontroller: ATmega32U4
- Operating voltage: 5 V
- Input voltage (recommended): 7-12 V
- Input voltage (limit): 6-20 V
- Digital I/O pins: 20
- PWM channels: 7
- Analog input channels: 12
- DC current per I/O pin: 20 mA
- DC current for 3.3 V pin: 50 mA
- Flash memory: 32 KB (ATmega32U4) of which 4 KB used by bootloader
- SRAM: 2.5 KB (ATmega32U4)
- EEPROM: 1 KB (ATmega32U4)
- Clock speed: 16 MHz
- Built-in LEDs: 13
- Length: 48 mm
- Width: 18 mm
- Weight: 13 g

Specifications

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

