

Item no.: 326436

A000067 - Arduino Mega 2560 Rev3

from **44,98 EUR**

Item no.: 326436
 shipping weight: 0.10 kg
 Manufacturer: Arduino



Product Description

Arduino Mega 2560 Rev3

The Arduino Mega 2560 is a microcontroller board based on the ATmega2560. It has 54 digital input/output pins (of which 15 can be used as PWM outputs), 16 analog inputs, 4 UARTs (hardware serial ports), a 16 MHz crystal oscillator, a USB connection, a power jack, an ICSP header, and a reset button. It contains everything needed to support the microcontroller; simply connect it to a computer with a USB cable or power it with a AC-to-DC adapter or battery to get started. The Mega 2560 board is compatible with most shields designed for the Uno and the former boards Duemilanove or Diecimila.

The Mega 2560 is an update to the Arduino Mega, which it replaces.

- Microcontroller: ATmega2560
- Operating voltage: 5 V
- Input voltage (recommended): 7-12 V
- Input voltage (limit): 6-20 V
- Digital I/O pins: 54 (of which 15 provide PWM output)
- Analog input pins: 16
- DC current per I/O pin: 20 mA
- DC current for 3.3 V pin: 50 mA
- Flash memory: 256 KB of which 8 KB used by bootloader
- SRAM: 8 KB
- EEPROM: 4 KB
- Clock speed: 16 MHz
- Built-in LEDs: 13
- Length: 101.52 mm
- Width: 53.3 mm
- Weight: 37 g

Specifications

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 prices and availability

