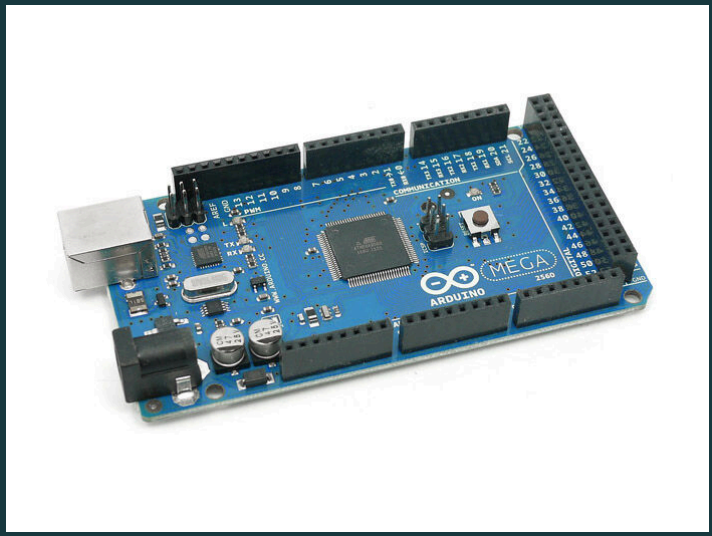
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INDUSTRIAL PRODUCT DATASHEET

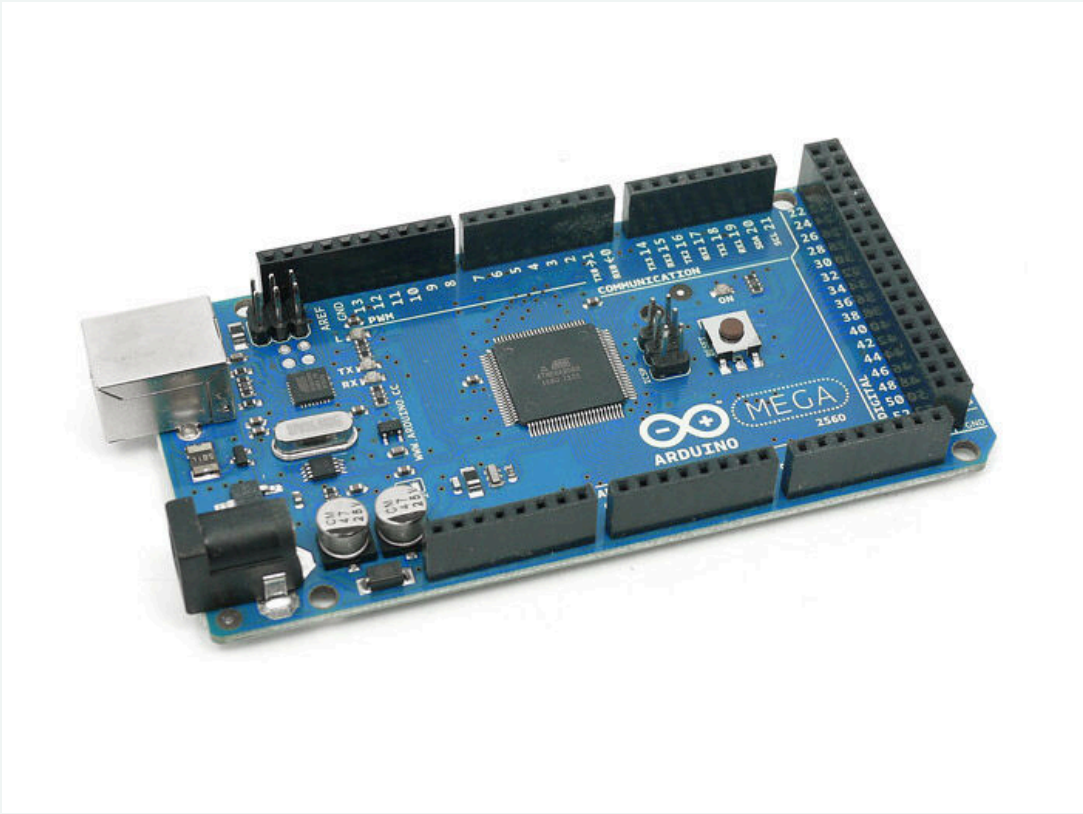
Arduino Mega2560 Rev3

Retired ATmega2560-based board with 54 digital I/O pins and 16 analog inputs.

SKU	UPDATED	PRICE
102990082	2025-09-02 07:48:40	$64.90(Excl. VAT)



Overview



The Arduino Mega2560 Rev3 is retired; consider the Seeeduino Mega as an alternative. It features an ATmega2560 microcontroller with 54 digital I/O pins (14 PWM), 16 analog inputs, 4 UARTs, and a 16 MHz clock speed.

Key Features

This product is retired, please consider our **Seeeduino Mega** as your alternative choice.

Seeeduino Mega is derived from Arduino Mega, it combines the advantage of both Arduino Mega and Seeeduino while the price is lower compare to Arduino Mega 2560's price. So we recommend you to buy Seeeduino Mega instead of Arduino Mega 2560 Please refer to below table for the difference between the 2 Mega.

The Arduino Mega 2560 Rev3 is a microcontroller board based on the ATmega2560 (datasheet). It has 54 digital input/output pins (of which 14 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 an AC-to-DC adapter or battery to get started. The Mega is compatible with most shields designed for the Arduino Duemilanove or Diecimila.

TECHNICAL SPECIFICATION

Microcontroller: ATmega2560

- Operating voltage: 5V
- Input voltage (recommended): 7-12V
- Input voltage (limits): 6-20V
- Digital I/O pins: 54 (of which 14 provide PWM output)
- Analog input pins: 16
- DC current per I/O pin: 40 mA
- DC current for 3.3V pin: 50 mA

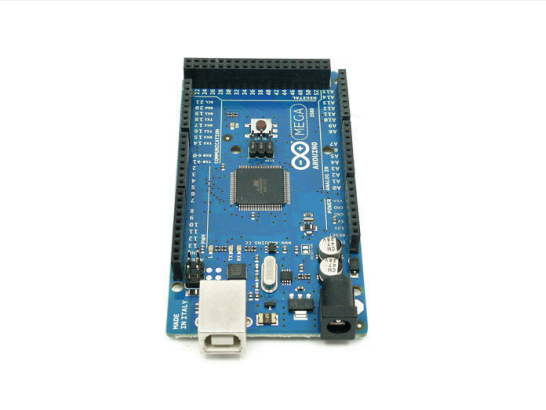
- Flash Memory: 256 KB of which 8 KB used by bootloader
-
- SRAM: 8 KB
-
- EEPROM: 4 KB
-
- Clock speed: 16 MHz

- **DOCUMENTS**

Please visit our **wiki page** for more info about this product. It will be appreciated if you can help us improve the documents, add more demo code or tutorials. For technical support, please post your questions to our **forum**.

Product Gallery







Compliance & Logistics

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Resource Links

- https://www.seeedstudio.com/Arduino-Mega2560-Rev3-p-695.html

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