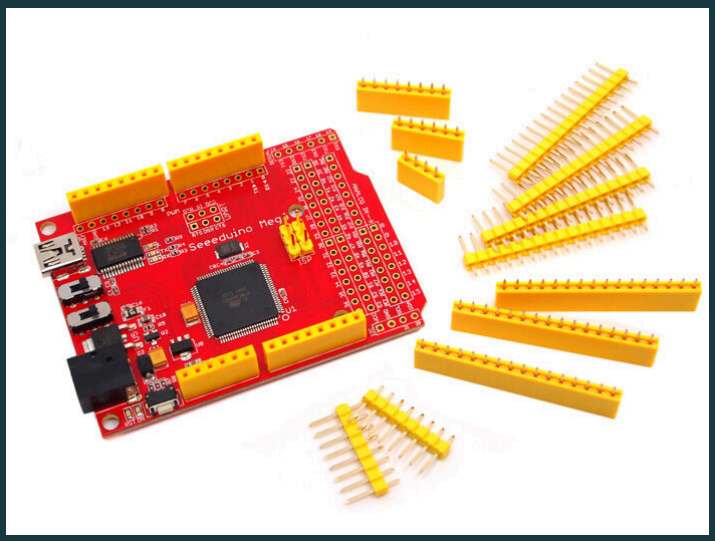
seeed studio

INDUSTRIAL PRODUCT DATASHEET

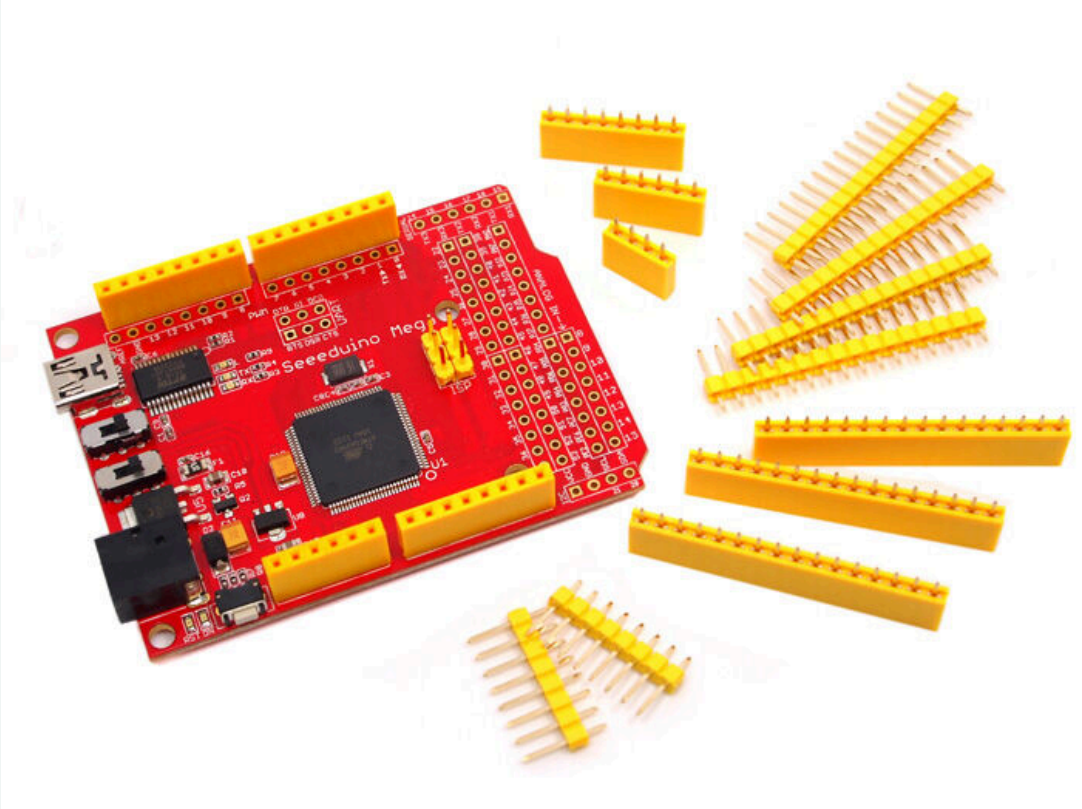
Seeeduino Mega(ATmega2560)

Seeeduino Mega (ATmega2560) is a compact, Arduino Mega-compatible microcontroller board with ATmega2560, 70 digital I/O, 16 analog inputs, 14 PWM, 4 UARTs, and selectable 5V/3.3V operation.

SKU	UPDATED	PRICE
102010007	2026-10-23 03:13:46	$43.00(Excl. VAT)



Overview



The Seeeduino Mega is a powerful microcontroller board derived from the Arduino Mega, featuring the ATmega2560 processor with 70 digital I/O, 16 analog inputs, 14 PWM outputs, and 4 hardware serial ports. It is 30% smaller than the Arduino Mega, 100% compatible with Seeed Shield products, and offers selectable 5V/3.3V operation, an ICSP header, and easy programming via USB.

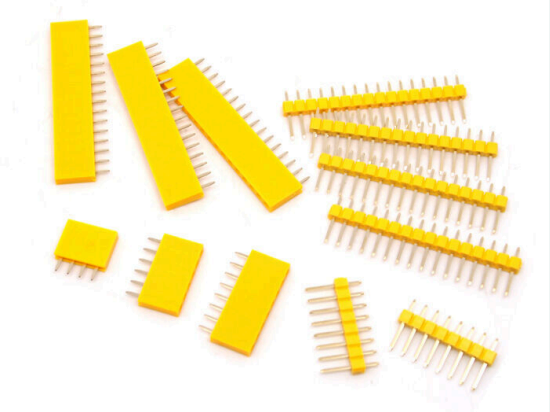
Key Features

Seeeduino Mega is a powerful micro-controller derived from Arduino Mega. It features ATmega2560 processor which brings a large number of I/O pins, as much as 70 digital I/O, 16 analog inputs, 14 PWM, and 4 hardware serial ports. Compared to Arduino Mega, we shrunk the volume of Arduino Mega by at least 30% and made it 100% compatible with Seeed Shield products. And as a member of Seeeduino series, Seeeduino Mega inherits deliberate details from Seeeduino, like selectable operating voltage(3.3V/5V), right angle reset button, and so on.

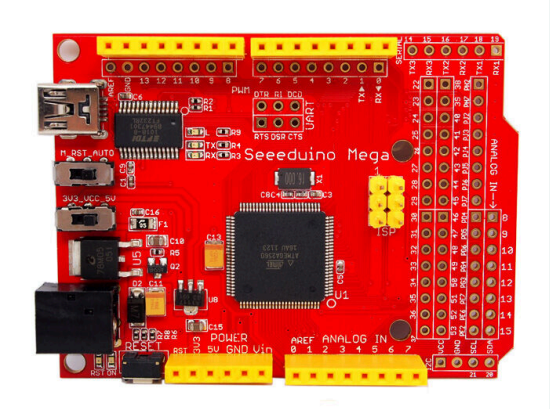
Features

- ATmega 2560 @ 16MHz
- Selectable 5V/3.3V operation
- 70 Digital IO
- 16 Analog inputs
- 14 PWM outputs
- 4 Hardware serial ports (UART)
- Compatible with most Arduino Duemilanove and Diecimila Shields
- Small form factor, 30% smaller than Arduino Mega
- Easy to program, no additional hardware is required to load firmware – just plug to a USB port and you're good to go.
- ICSP Header
- Can be powered through a battery or through a AC to DC adaptor

Product Gallery







Part List

Seeeduino Mega	1

Compliance & Logistics



HSCODE	8517180050
USHSCODE	8517180050
UPC	841454103394
EUHSCODE	8543709099
COO	CHINA

Resource Links

- https://www.seeedstudio.com/Seeeduino-Mega-ATmega2560.html
- Seeeduino Mega Eagle File
- Seeeduino Mega Pin Mapping PDF
- Getting Started with Arduino
- Arduino Language Reference
- Download the Arduino Software(IDE)
- Arduino FAQ
- Arduino Introduction
- Wikipedia page for Arduino
- Arduino Mega

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