

# Seeeduino Mega

102010007

## Product Overview

08/17/2022

For the most up-to-date information, visit [www.mouser.com](http://www.mouser.com) or the supplier's website.

## Description

Seeed Studio Seeeduino Mega is a powerful microcontroller derived from Arduino Mega and features an ATmega2560 processor which brings a large number of I/O pins. The Mega has 70 digital I/O, 16 analog inputs, 14 PWM, and 4 hardware serial ports. The Seeeduino Mega has 30% less volume than the Arduino Mega and is 100% compatible with Seeed Shield products.



The Seeeduino Mega inherits deliberate details from Seeeduino, like selectable operating voltage (3.3V/5V), right angle reset button, and so on. This Seeeduino Mega is easy to program, no additional hardware is required to load firmware, just plug to a USB port and you're good to go. The device can be powered through a battery or through an AC to DC adaptor.

## 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
- 115mm x 75mm x 25mm dimensions
- Weighs about 54gm

## Mouser Part Number

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To learn more, visit <https://www.mouser.in/new/seeed-studio/seeed-seeeduino-mega/>