

Seeeduino V4.2 Arduino-Compatible Board

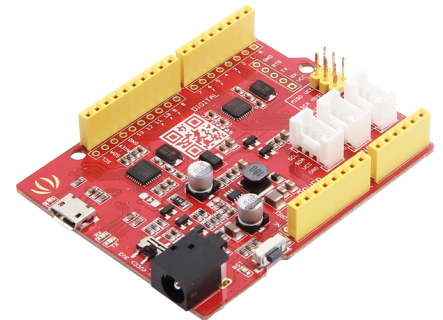
Product Overview

08/26/2022

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

Seeed Studio Seeeduino V4.2 Arduino-Compatible Board is a stable, easy-to-use board based on the Atemga328P MCU and features the Arduino UNO bootloader. The V4.2 board comes with an additional set of through-hole pads for all pins that are aligned to a 0.1inch grid. The ATMEGA16U2 can be used as an Uart-to-USB converter and can work like an FTDI chip.



The V4.2 Arduino-compatible board can be programmed with a micro-USB cable, and powered with a 7 to 15VDC jack input. This V4.2 Arduino-compatible board features 14 digital input pins, 16 analog inputs, and 16 PWM outputs. Three on-board Grove interfaces allow for easy connection to Groves.

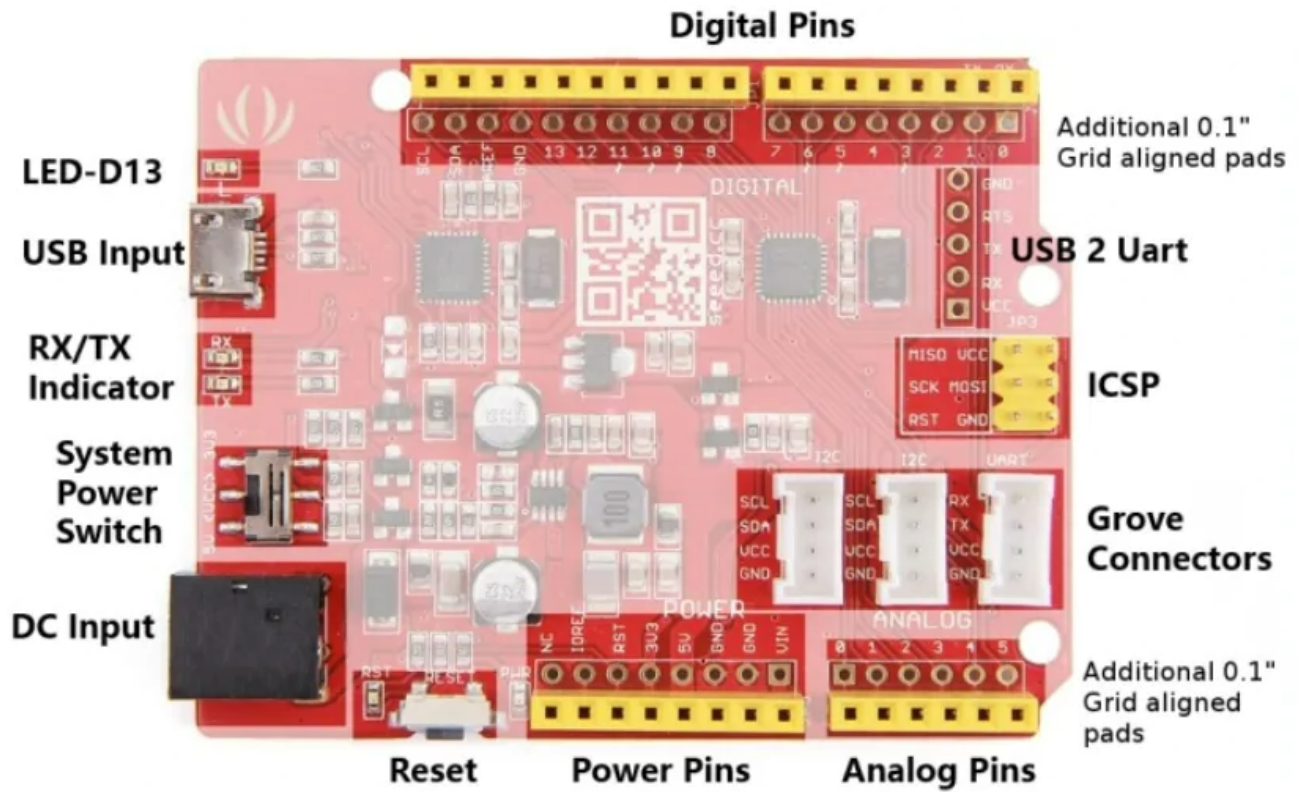
Features

- Arduino UNO bootloader
- 14 digital I/O pins (6 PWM outputs)
- 6 analog inputs
- ISP header
- Arduino UNO-R3 shield compatible
- Micro USB programming and power supply
- 3 on-board Grove connectors
- 3.3/5V system operation power switch

Specifications

- | | |
|-------------------------------|---------------------|
| • 3 on-board Grove connectors | • 1KB EEPROM |
| • 40mA DC current per I/O pin | • 16MHz clock speed |
| • 7V to 12V jack input | • 68.6mm length |
| • 32KB flash memory | • 53.4mm width |
| • 2KB RAM | • 26g weight |

V4.2 Board Overview



Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/seeed-studio/seeed-seeeduino-v42-board/>