



Seeeduino Lotus - ATmega328 Board with Grove Interface

SKU 102020001

Description

This version will EOL soon, please click [here](#) for the latest version Seeeduino Lotus V1.1, which has updated the USB converter chip so as to be compatible with Mac OS and also more cost effective.

Seeeduino Lotus is an ATmega328 Microcontroller development board. It is a combination of Seeeduino and Base Shield. It uses Atmel ATMEGA328P-MU and CH340. ATMEGA328P-MU is a high performance, low power 8-Bit AVR Microcontroller. CH340 is an USB bus converter chip that can realize an USB to serial interface. Seeeduino Lotus has 14 digital input/output (6 of which can output PWM) and 7 analog input/output, a micro USB connection, an ICSP header, 12 Grove connections, a reset button.

SPECIFICATION

- Microcontroller: ATmega328P-MU
- Operating Voltage: 5V
- Digital I/O Pins: 14
- PWM Channels: 6
- Analog Input Channels: 7
- DC Current per I/O Pin: 40 mA
- Flash Memory: 32 KB (ATmega328P-MU)
- RAM: 2 KB (ATmega328P-MU)
- EEPROM: 1 KB (ATmega328P-MU)
- Clock Speed: 16 MHz

Technical Details

Dimensions	115mm x 75mm x 25mm
Weight	G.W 42g
Battery	Exclude

Part List

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