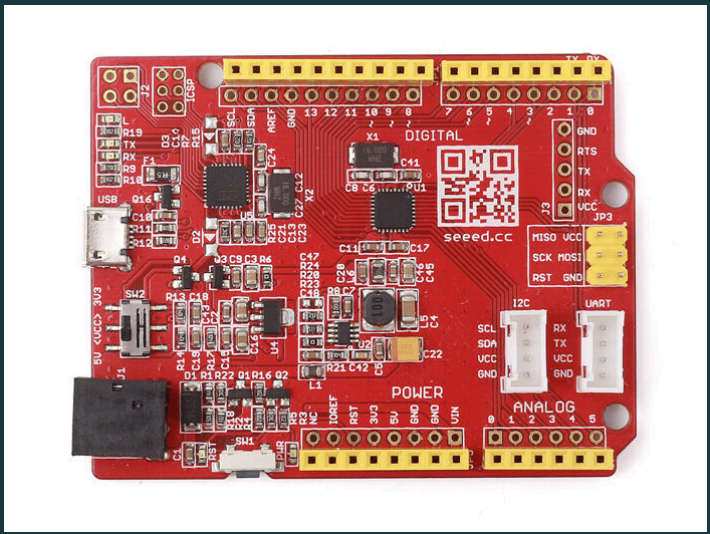
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INDUSTRIAL PRODUCT DATASHEET

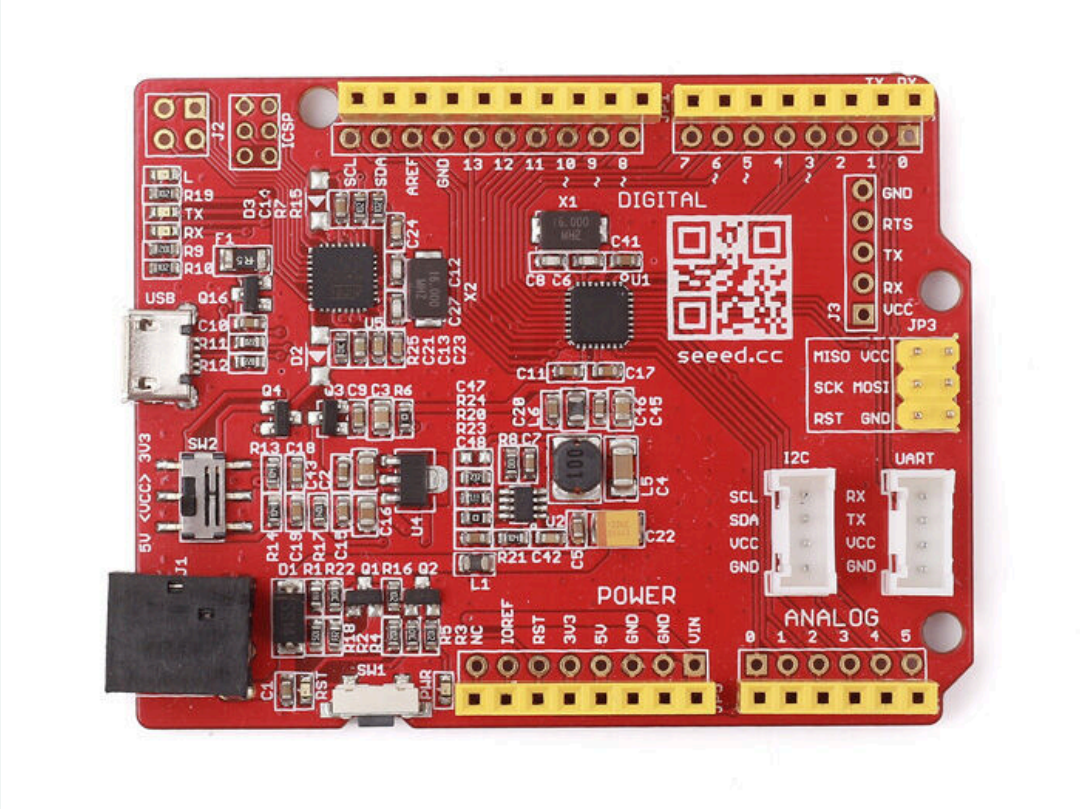
Seeeduino V4

Seeeduino v4.0: ATmega328P-MU board with 14 digital I/O, 6 analog inputs, dual-voltage, and Arduino Uno compatibility.

SKU	UPDATED	PRICE
102010004	2024-08-09 02:14:04	$9.90(Excl. VAT)



Overview



The Seeeduino v4.0 is an ATmega328P-MU development board with 14 digital I/O pins (6 PWM) and 6 analog inputs. It supports 5V or 3.3V operation via a slide switch and is pin-compatible with Arduino Duemilanove and Uno.

Key Features

Please consider Seeeduino V4.2 as alternative product

The Seeeduino v4.0 is an ATMEGA328 Microcontroller development board. The ATMEGA328P-MU is a high performance, low power AVR 8-Bit Microcontroller. The Seeeduino v4.0 has 14 digital input/output pins (6 of which can be used as PWM outputs) and 6 analog pins.

Features:

The Seeeduino v4.0 inherits all of Arduino Duemilanove's and Uno's features but also adds some of its own. This board is compatible to Duemilanove's and Uno's pin layout, and the Duemilanove's screw holes and board dimensions.

Specification:

- Microcontroller: ATmega328P-MU
- Operating Voltage: 5V or 3.3V(choice by slide switch)
- Digital I/O Pins:14
- PWM Channels:6
- Analog Input Channels:6
- DC Jack Input:7v-12v
- 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

Part List

Seeeduino V4	1

Compliance & Logistics

HSCODE	8543709990

Resource Links

- https://www.seeedstudio.com/Seeeduino-V4-p-669.html
- Seeeduino v4.0 Eagle file
- Seeeduino v4.0 pdf
- Seeeduino v4.0 sch
- Seeeduino v4.0 SCH file
- ATMEGA328P-MU Summary
- ATMEGA16U2 Summary

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