

Seeeduino Cortex-M0+

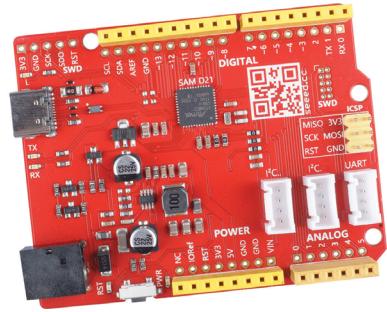
Product Overview

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Description

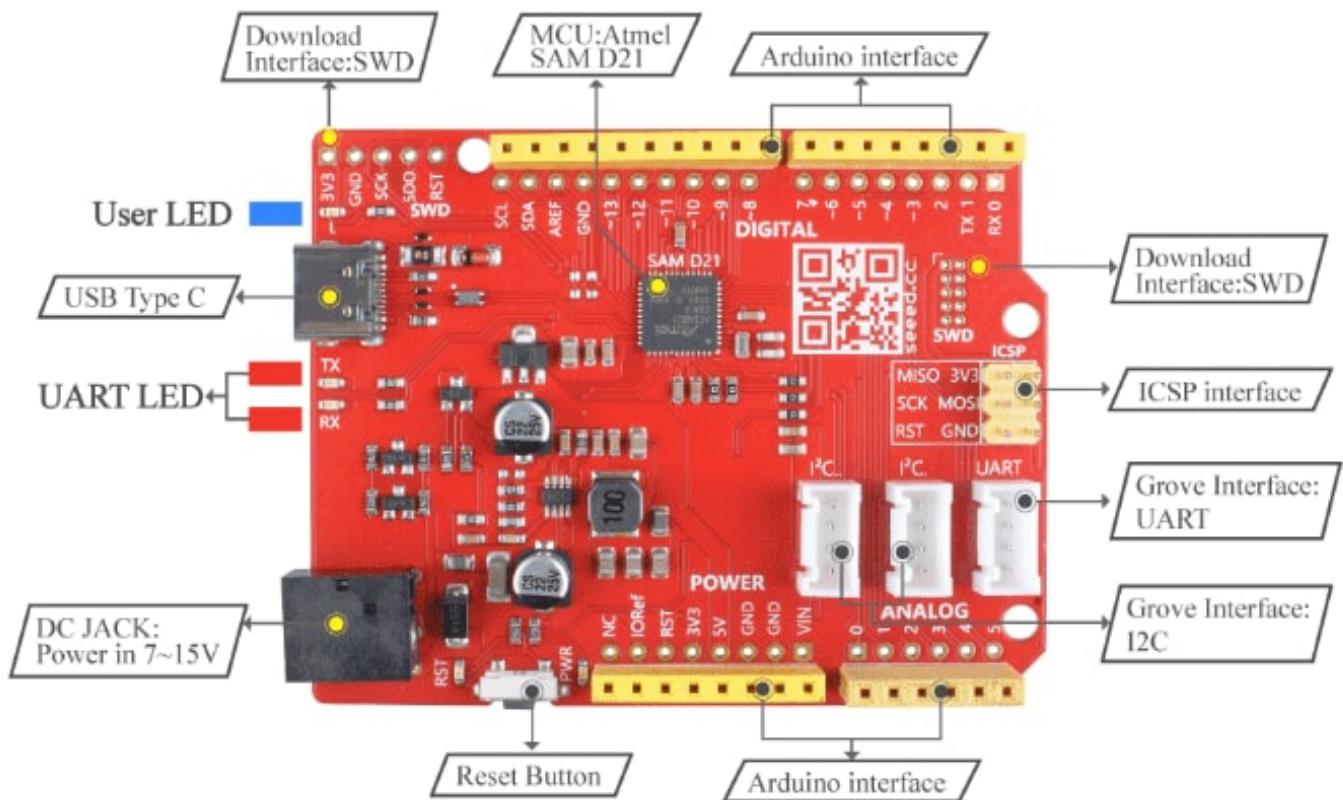
Seeed Studio Seeeduino Cortex-M0+ features an Atmel SAMD21 MCU which is fully compatible with Arduino Zero. The SAMD21 MCU is based on a 32-bit Arm® Cortex®-M0+ processor. The Seeeduino Cortex-M0+ has the same header pinout as the Seeeduino Lotus Cortex-M0+, including 14 digital I/O (10 PWM output) and 6 analog I/O. This board also provides 3 onboard Grove connectors that include two I²C and 1 UART. Seeeduino Cortex-M0+ is the first Seeeduino development board with a USB type C interface. The type C interface can be used to supply power and transmit data or use the 7V_{DC} to 15V_{DC} jack to supply power for this board.



Features

- Arm Cortex-M0+ CPU running at up to 48MHz
- 256KB in-system self-programmable Flash
- 32KB SRAM Memory
- Compatible with Arduino Zero
- 10-bit, 350ksps Digital-to-Analog Converter (DAC)
- One 12-bit, 350ksps Analog-to-Digital Converter (ADC) with up to 20 channels
- USB type C for power and data

Hardware Overview



Mouser Part Number

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