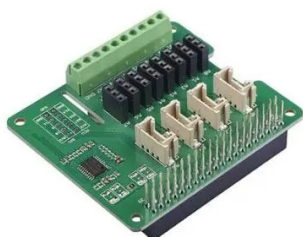


Item no.: 345854

103030280 - 8 Channel 12-bit ADC Addon Board for Raspberry Pi

12,32 EUR

Item no.: 345854
shipping weight: 0.10 kg
Manufacturer: seeed Studio



Product Description

Seeed Studio 8 Channel 12-bit ADC Addon Board for Raspberry Pi

Raspberry Pi does not include a hardware analog-to-digital converter, so the external ADC (such as the MCP3008) plays an important role in converting continuous time-varying analog signals into discrete-time digital signals so that they can easily be read by the digital devices.

ADC is a common accessory for Raspberry Pi. Nowadays many cheap MCUs have built-in ADC, so this 8-channel ADC is based on STM32F030, which is a cost-effective, low-power ARM Cortex M0 MCU. Seeed Studio breakout 8 channels ADC from the MCU, and integrates 4 analog Grove connectors so that you can also use analog Grove modules with it.

- Operating supply voltage: 3.3 V
- ADC resolution: 12 bit
- Maximum clock frequency: 48 MHz
- Program memory size: 16 kB
- Data RAM size: 4 kB
- Data bus width: 32 bit
- Operating temperature: -40°C ~ 85°C
- Communication interfaces: I2C
- I2C address: 0x04 (default)
- Size 65 x 55 x 18 mm
- Weight: 25.9 g

Specifications

Scan this QR code to
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All details, up-to-date
prices and availability

