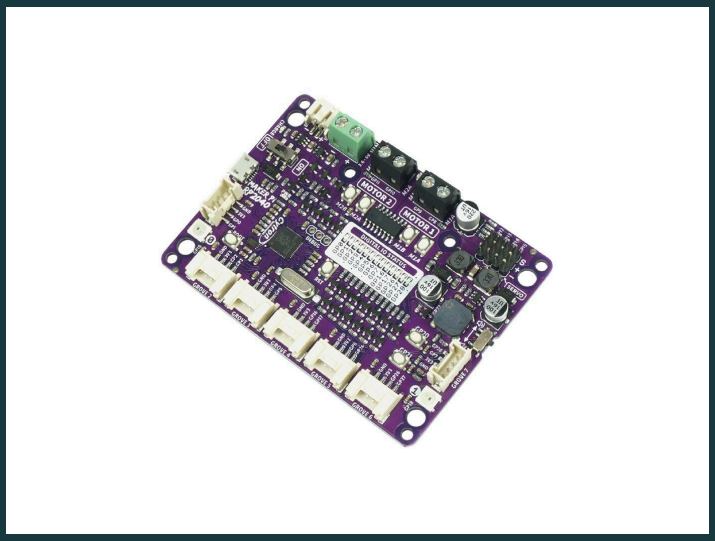
seeed studio

INDUSTRIAL PRODUCT DATASHEET

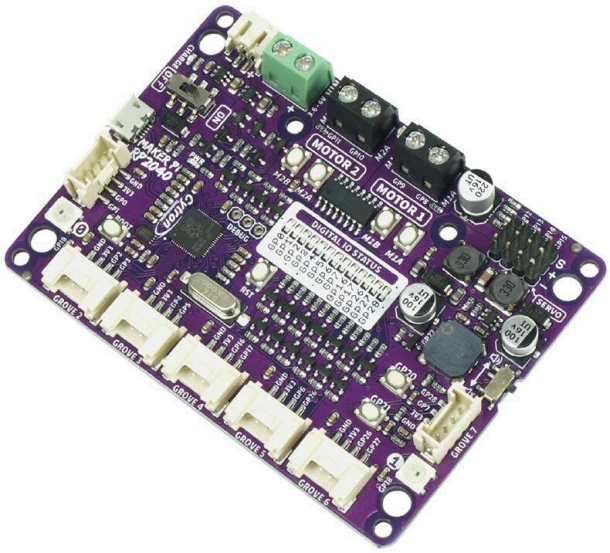
MAKER PI RP2040

The Maker Pi RP2040 features the first microcontroller designed by Raspberry Pi - the RP2040 - embedded on a robot controller board! The board is a perfect choice for DIY robot/motion control projects.

SKU	UPDATED	PRICE
102991562	2026-11-11 08:40:50	$9.90(Excl. VAT)



Overview



The Maker Pi RP2040 features the first microcontroller designed by Raspberry Pi - the RP2040 - embedded on a robot controller board! The board is a perfect choice for DIY robot/motion control projects. [image]

Key Features

01 **A compact robot controller board with all the RP2040 goodness**

02 **Controls 4x Servo motors**

03 **Drives 2x DC motors with quick test buttons**

04 **Built-in LiPo charger**

05 **Auto power selection**

USB 5V, LiPo (1-cell) or Vin (3.6-6v)

06 **Power on/off switch**

07 **7x Grove ports**

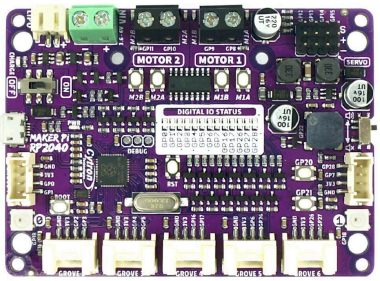
08 **LEDs on 13x IO pin**

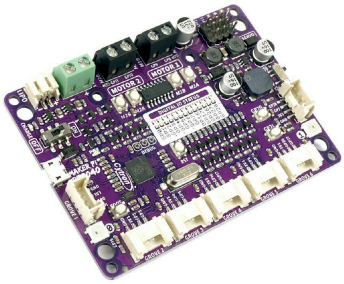
09 **2x RGB LEDs (Neopixel)**

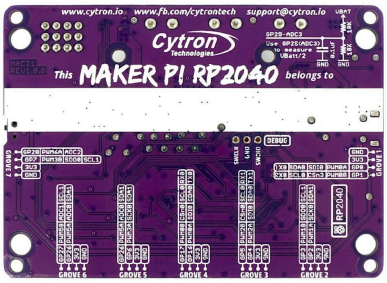
10 **Piezo buzzer with mute switch**

11 **2x push button**

Product Gallery







Resource Links

- https://www.seeedstudio.com/MAKER-PI-RP2040-p-4961.html
- maker pi rp2040 datasheet
- maker pi rp2040 example code

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