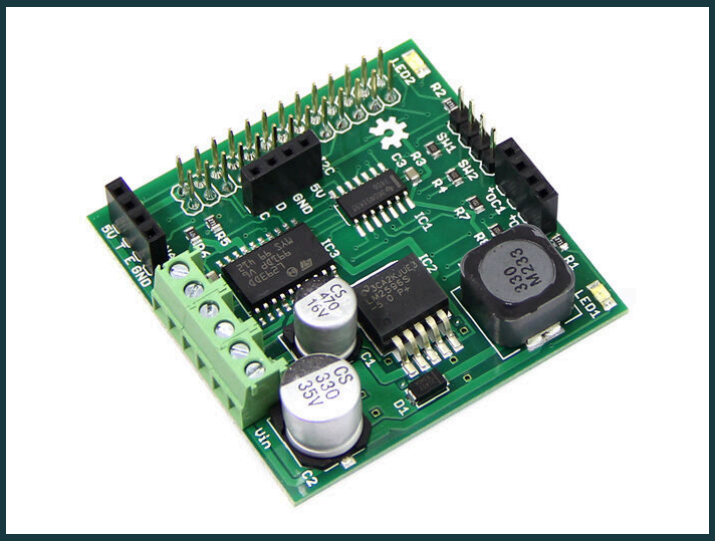
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INDUSTRIAL PRODUCT DATASHEET

RaspiRobot Board V2

Motor interface and power management board for Raspberry Pi with dual motor control and sensor connectivity.

SKU	UPDATED	PRICE
102990058	2024-08-09 02:07:48	$25.00(Excl. VAT)



Overview



The RaspiRobot Board V2 is a motor interface board for the Raspberry Pi featuring a switched-mode power supply that delivers up to 2A from battery packs. It provides bi-directional control of two motors with variable PWM speed, along with headers for an ultrasonic rangefinder and I2C displays.

Key Features

This product is retired, please consider our **Raspberry Pi Motor Board v1.0** as your alternative choice.

The RaspiRobot Board v2 is a motor interface board for the Raspberry Pi that includes a switched-mode power supply that will supply power to your Raspberry Pi from a variety of battery packs.

Note: Raspberry Pi, Robot chassis, rangefinder, display and switches are not included.

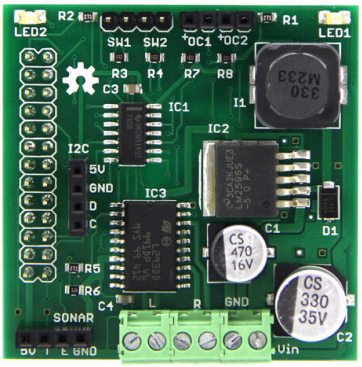
Features:

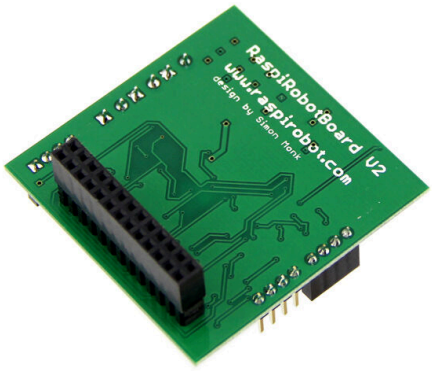
- Comprehensive and easy to use Python library
- Supplied fully assembled - no soldering
- Bi-directional control of two motors (L293 chip)
- Variable (PWM) power control. This allows you to both control the speed of the motors independently and use lower voltage motors than the voltage of your battery pack.
- Supplies the Raspberry Pi with upto 2A using a switch mode power supply - run a fully loaded Pi and the Robot from 6 x AA batteries
- Rangefinder header socket directly compatible with a cheap HC-SR-04 ultrasonic range finder. Just plug it in
- 5V I2C header, pin compatible with Adafruit displays
- Two buffered open collector outputs
- Two LEDsTwo switch inputs
- Screw terminals for motors and battery

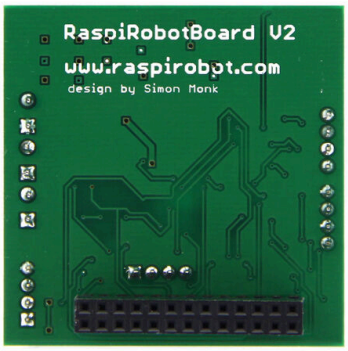
Application

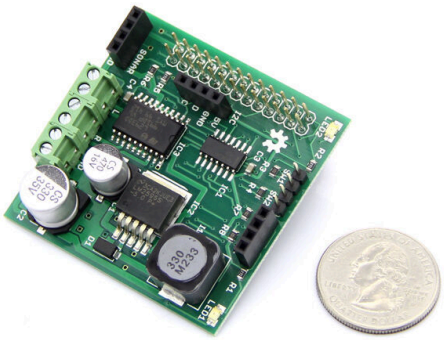
For full information on installing the library and controlling your RRBv2 from Python, see the library's github page **here**.

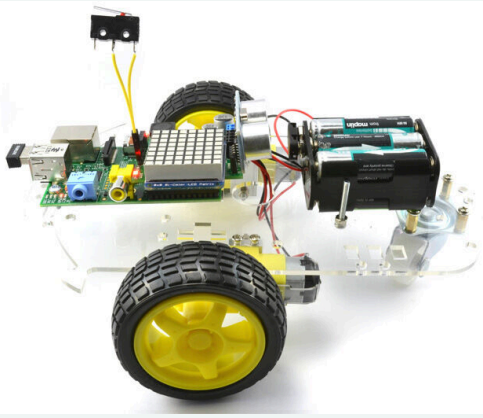
Product Gallery











Compliance & Logistics

HSCODE	8543709990

Resource Links

- https://www.seeedstudio.com/RaspiRobot-Board-V2-p-1784.html

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