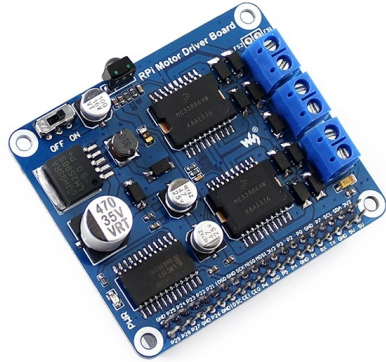




Motor Driver HAT für Raspberry Pi



Artikel-Nr.:	RPI-MDHAT
Hersteller:	Waveshare
Herkunftsland:	China
Zolltarifnummer:	84733020
Gewicht:	0.039 kg

Übersicht

The RPi Motor Driver Board gives your Pi the ability to drive two DC motors OR one stepper motor. It's an ideal choice to DIY mobile robot based on Raspberry Pi.

Eigenschaften

- Supports Raspberry Pi A+/B+/2B/3B
- Freescale H-bridge driver MC33886, controls DC motors to turn in both directions
- Onboard 5V regulator, provides power to Raspberry Pi
- Onboard IR receiver, used for remote control robot
- Multi protection circuit, excellent stability
- 2A self-recovery fuse, keep your Pi safe
- Driver chip features Short-Circuit Shutdown for Large Output Current, Undervoltage Disable Function
- Reversed polarity protection for motor output
- Anti-reverse diode for power supply
- Power input range: 7V~40V
- Single motor output current: up to 5A
- Power supply current for Raspberry Pi: up to 2A

Lieferumfang

- RPi Motor Driver Board x 1
- RPi screws pack (2pcs) x 1

Dokumentation / Downloads

- www.waveshare.com/wiki/RPi_Motor_Driver_Board

Weitere Bilder:



What's on Board



1. Raspberry Pi GPIO interface for connecting Raspberry Pi
2. Motor sensor terminal for connecting motor
3. External power input
4. TLCD4040ABD - integrated counter chip, buffer device
5. MAX9809 - motor driver chip
6. LM2596 5.0V-10V regulator
7. Power indicator
8. Raspberry Pi power indicator
 - OFF - Raspberry Pi powers the Motor Drive Board
 - ON - Motor Drive Board powers the Raspberry Pi
9. 5V well necessary fan
10. IR sensor
11. Substrate diodes protect the motor driver
12. Power supply anti-reverse diode

