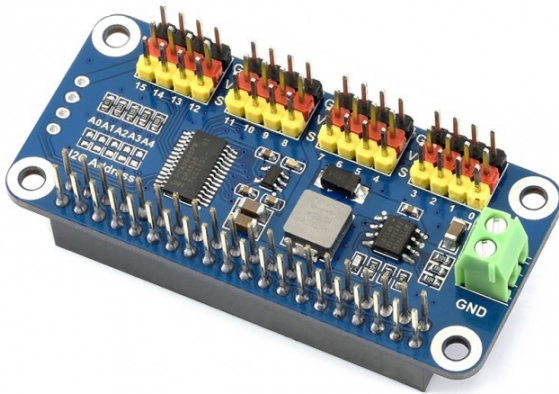




## 16 Kanal Servo Driver uHAT (I2C) für Raspberry Pi



Order number:	RPI-SDHAT
Hersteller:	Waveshare
Herkunftsland:	China
Zolltarifnummer:	85364900
Gewicht:	0.019 kg

Needless to say, the Raspberry Pi is powerful enough in most cases, yet it's not that good at providing precise PWM output. You may have tried to control a robotic arm or a hexapod walker by using the Pi, but finally get frustrated due to the limited number of PWM outputs and the jittering servo. Now you get a new option to bring your ideas to life, we prepare this useful Servo Driver HAT for you.

### Eigenschaften

- Raspberry Pi connectivity, compatible with Raspberry Pi Zero/Zero W/Zero WH/2B/3B/3B+
- I2C controlled, using only 2 pins
- Up to 16-Channel servo/PWM outputs, 12-bit resolution for each channel (4096 scales)
- Integrates 5V regulator, up to 3A output current, can be powered from battery through VIN terminal
- Standard servo interface, supports common used servo such as SG90, MG90S, MG996R, etc.
- Reserved I2C control pins, allows to work with other control boards
- Comes with development resources and manual (examples in python like Bluetooth/WiFi remote control)

### Spezifikationen

- Power supply: 5V (Pi connector) OR 6V~12V (VIN terminal)
- Servo voltage: 5V
- Logic voltage: 3.3V
- Driver: PCA9685
- Control interface: I2C
- Dimension: 65mm x 30mm
- Mounting hole size: 3.0mm

### Lieferumfang

- Servo Driver HAT × 1
- RPi screws pack (2pcs) × 1

### Dokumentation / Downloads



- [https://www.waveshare.com/wiki/Servo\\_Driver\\_HAT](https://www.waveshare.com/wiki/Servo_Driver_HAT)

## Weitere Bilder:

