

RS485 CAN HAT für Raspberry Pi



Artikel-Nr.:	RPI-485CAN
Hersteller:	Waveshare
Herkunftsland:	China
Zolltarifnummer:	84733020
Gewicht:	0.017 kg

The RS485 CAN HAT will enables your Pi to communicate with other devices stably in long-distance via RS485/CAN functions.

Eigenschaften

- Raspberry Pi connectivity, compatible with Raspberry Pi Zero/Zero W/Zero WH/2B/3B/3B+
- CAN function, onboard CAN controller MCP2515 via SPI interface, with transceiver SN65HVD230
- RS485 function, controlled via UART, half-duplex communication, with transceiver SP3485
- Reserved control pins, allows to work with other control boards
- Comes with development resources and manual (examples in wiringPi/python)

Spezifikationen

- Operating voltage: 3.3V
- CAN controller: MCP2515
- CAN transceiver: SN65HVD230
- 485 transceiver: SP3485
- Dimension: 65mm x 30mm
- Mounting hole size: 3.0mm

Pinouts

PIN	Raspberry Pi (BCM)	DESCRIPTION
3V3	3V3	3.3V Power
GND	GND	Ground
SCK	P11 / SCLK	SPI clock input
MOSI	P10 / MOSI	SPI data input
MISO	P9 / MISO	SPI data output
CS	P8 / CE0	SPI chip selection

INT	P25	Interrupt
RXD	P15 / RXD	RS485 UART receive
TXD	P14 / TXD	RS485 UART transmit
RSE	P18	RS485 RX/TX setting

Lieferumfang

- RS485 CAN HAT × 1
- RPi screws pack (2pcs) x 1

Dokumentation / Downloads

- https://www.waveshare.com/wiki/RS485_CAN_HAT

Weitere Bilder:

