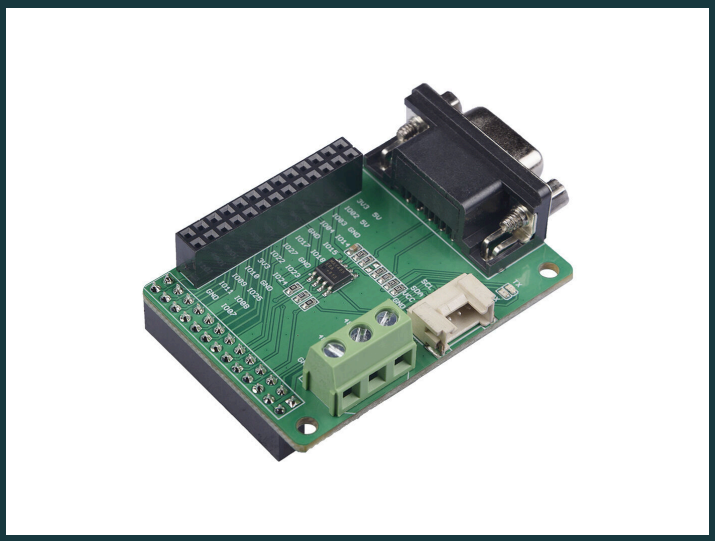
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INDUSTRIAL PRODUCT DATASHEET

RS-485 Shield for Raspberry Pi

RS-485 Shield for Raspberry Pi with EMI noise minimization, 2.5Mbps transmission rate, and fail-safe operation, compatible with Raspberry Pi 4.

SKU	UPDATED	PRICE
103030295	2026-10-29 01:03:33	$7.95(Excl. VAT)



Overview



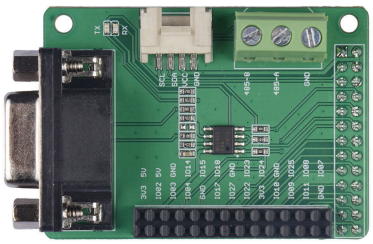
The RS-485 Shield for Raspberry Pi features one driver and one receiver per part, EMI noise minimization, transmission rates up to 2.5Mbps, no driver slew rate limitation, and short-circuit current limited fail-safe. It is fully compatible with Raspberry Pi 4 (1GB, 2GB, 4GB) and is suitable for low-power RS-485 transceivers, level translators, transceivers for EMI-sensitive applications, and half-duplex applications.

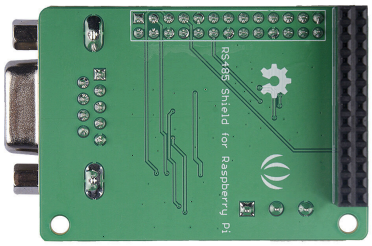
Key Features

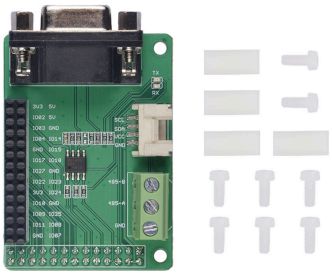
- One driver and one receiver per part
- EMI noise minimization
- Transmission rate up to 2.5Mbps
- No driver slew rate limitation
- Short-circuit current limited
- Fail-Safe Applications
- Compatible : Raspberry Pi 4

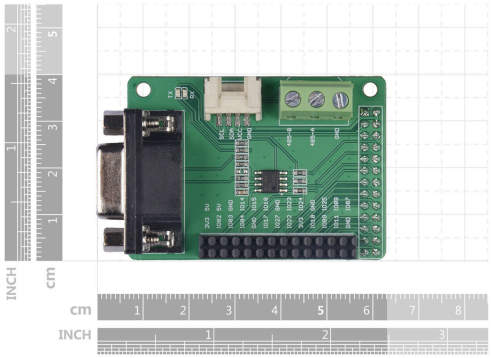
This product is fully compatible with Raspberry Pi 4 (**1GB**, **2GB**,**4GB**) and hopes you enjoy hacking with Pi 4 and all of other **Pi 4 accessories.**

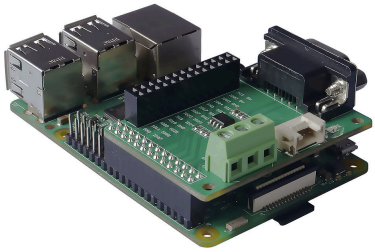
Product Gallery



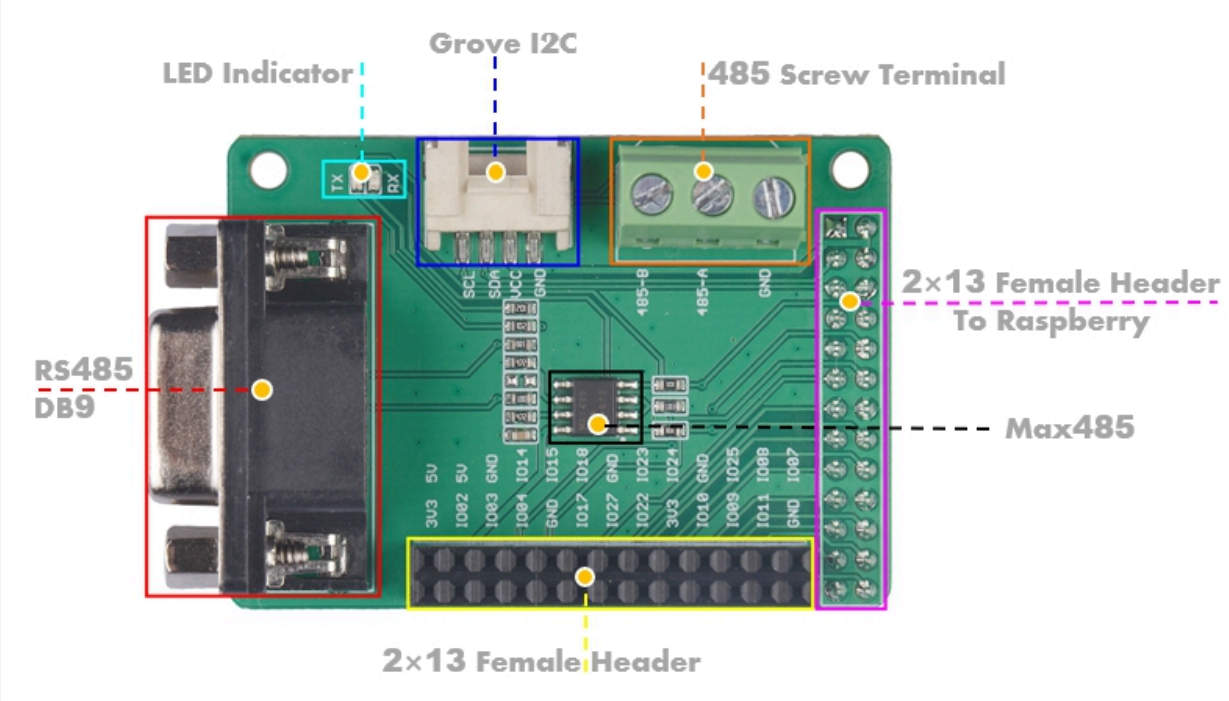








Hardware Overview



Applications

- Low-Power RS-485 Transceivers
- Level Translators
- Transceivers for EMI-Sensitive Applications
- Half-duplex applications

Compliance & Logistics



HSCODE	8543909000
USHSCODE	8543903500
UPC	841454121923
EUHSCODE	8543709099
COO	CHINA

Resource Links

- https://www.seeedstudio.com/RS-485-Shield-for-Raspberry-Pi.html
- RS-485 Shield for Raspberry Pi Eagle Files
- Python Test Code
- MAX485 Datasheet
- PDF Format Wiki

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