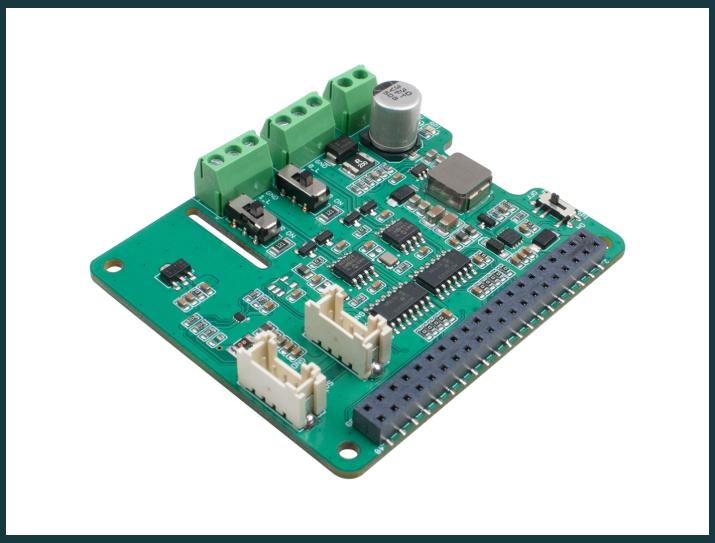
seeed studio

INDUSTRIAL PRODUCT DATASHEET

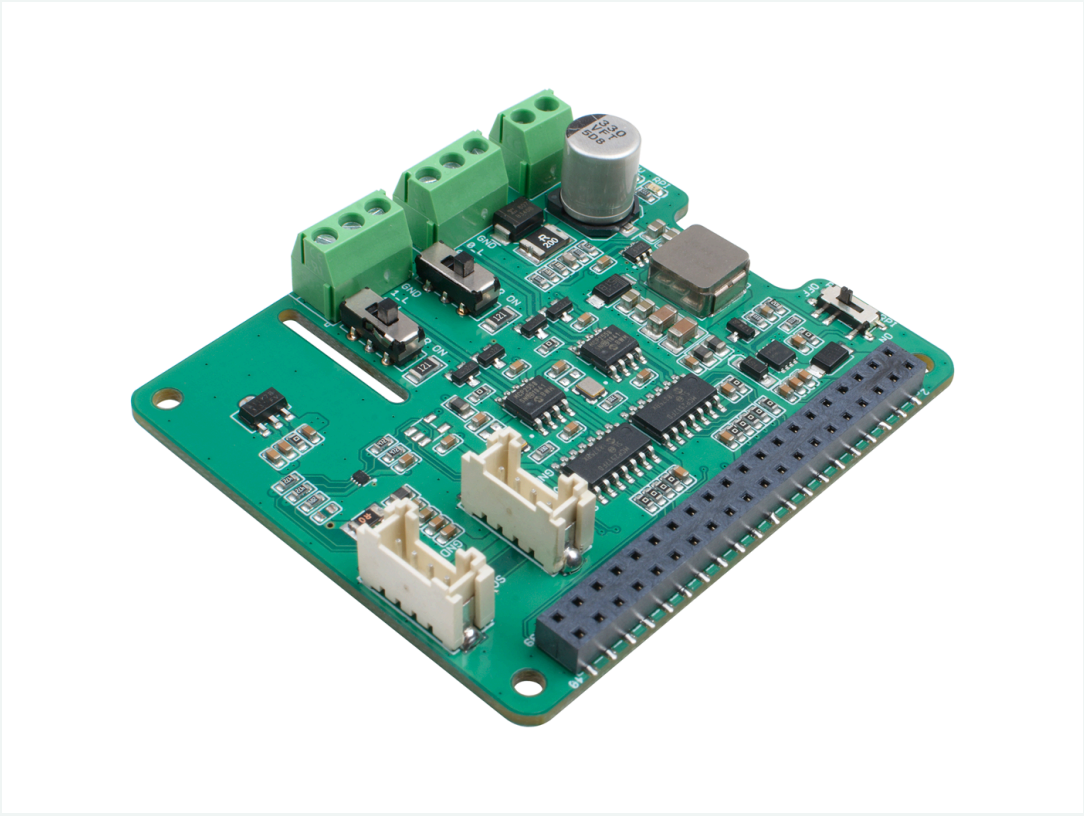
2-Channel CAN-BUS(FD) Shield for Raspberry Pi

A 2-Channel CAN-BUS(FD) Shield for Raspberry Pi offering CAN FD speeds up to 8Mbps, selectable power supply, and one-button 120Ω termination.

SKU	UPDATED	PRICE
103030296	2026-04-09 12:38:31	$29.90(Excl. VAT)



Overview

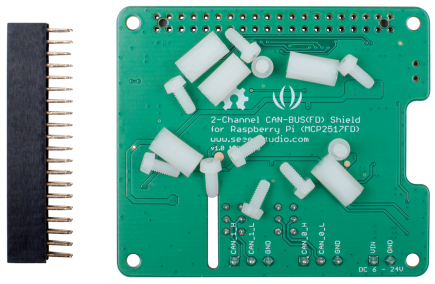


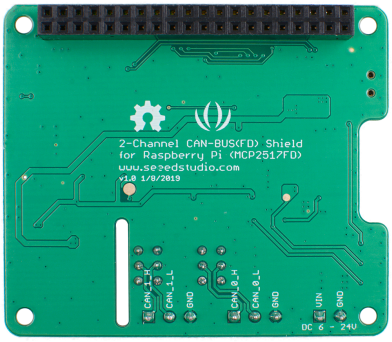
The 2-Channel CAN-BUS(FD) Shield for Raspberry Pi supports CAN FD with transfer rates up to 8Mbps at 10m and 1Mbps at 40m using 20AWG shielded cable. It offers selectable power supply from Raspberry Pi or DC input, one-button configuration of a 120Ω terminating resistor, and compatibility with Raspberry Pi 2, 3, Zero, and 4 (with latest image).

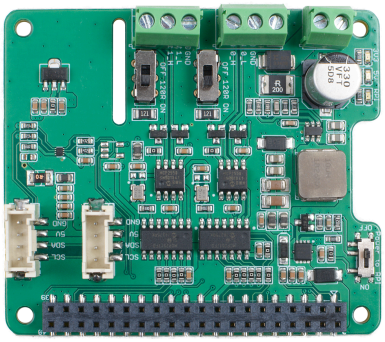
Key Features

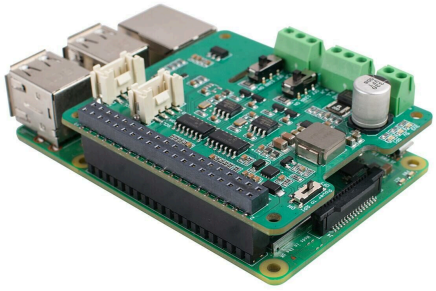
- Support CAN FD
- High-speed transfer rate: 8Mbps@10m 20AWG shielded cable / 1Mbps@40m 20AWG shielded cable
- Stable power supply, selectable Raspberry Pi power supply or DC power supply
- One-button configuration of 120Ω terminating resistor
- Compatible with Raspberry Pi 2, Raspberry Pi 3, Raspberry Pi Zero, Raspberry Pi 4 (with the **latest image**)

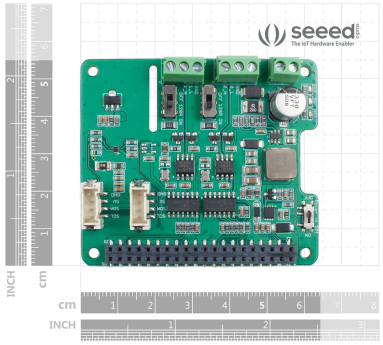
Product Gallery











Compliance & Logistics



HSCODE	8517709000
USHSCODE	8517790000
UPC	841454122548
EUHSCODE	8517180000
COO	CHINA

Resource Links

- https://www.seeedstudio.com/2-Channel-CAN-BUS-FD-Shield-for-Raspberry-Pi-p-4072.html
- 2-Channel CAN-BUS(FD) Shield for Raspberry Pi Schematic file
- MCP2517 Datasheet
- MCP2557 Datasheet

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