

INDUSTRIAL PRODUCT DATASHEET

Grove - CAN BUS Module based on GD32E103

CAN FD module up to 5Mb/s with AT command programming for automotive, automation, and medical applications.

SKU

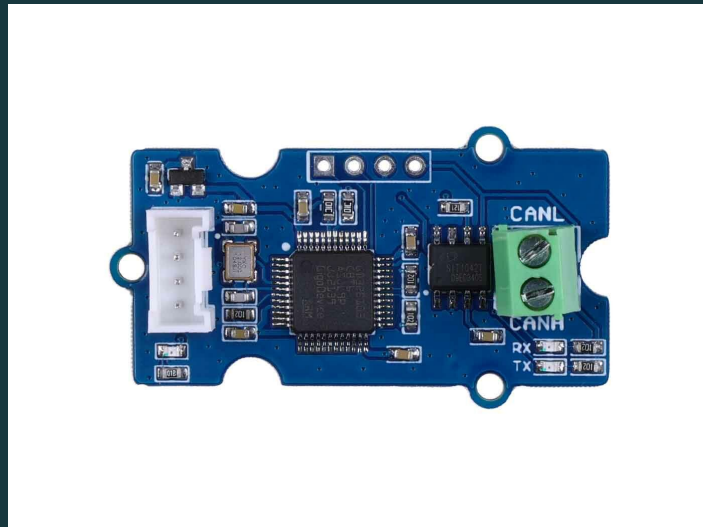
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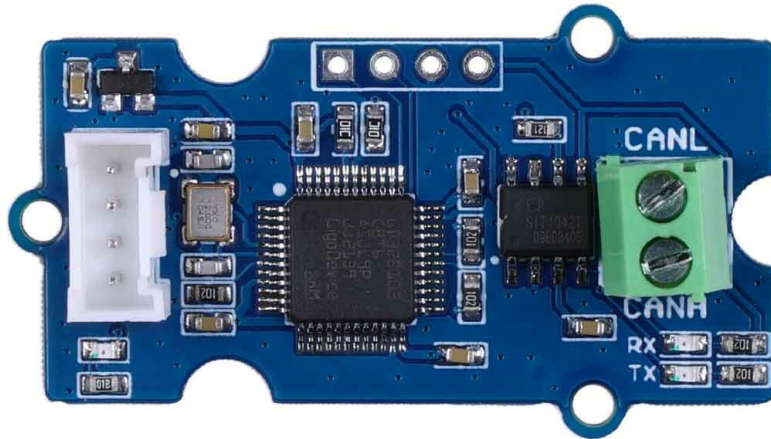
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PRICE

\$4.90(Excl. VAT)



Overview



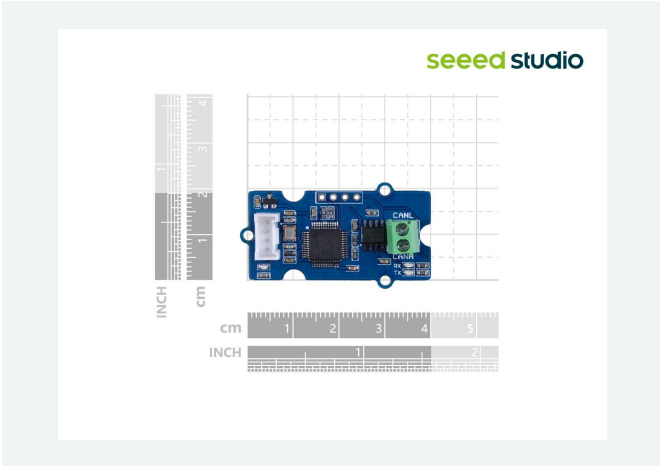
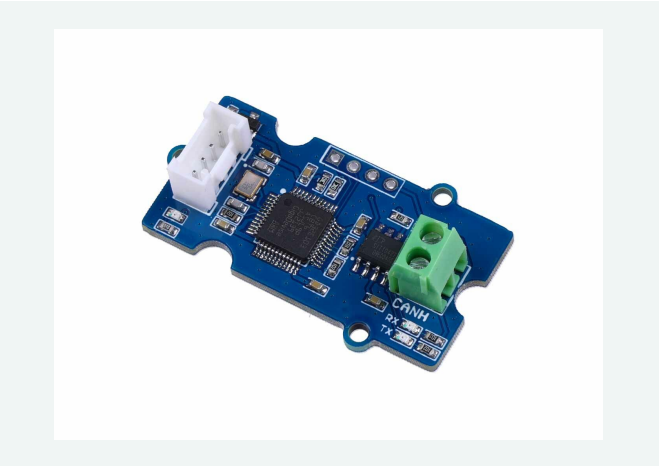
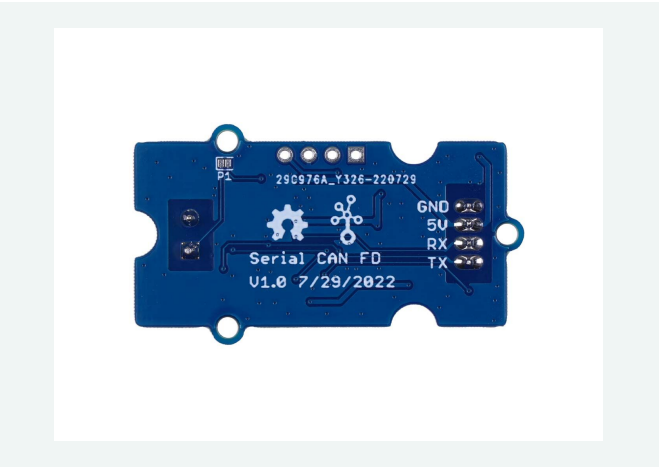
The Grove - CAN BUS Module based on GD32E103 supports CAN FD communication up to 5Mb/s and simple serial programming via AT commands. Its compact Grove form factor and Arduino compatibility make it ideal for car hacking, building automation, lighting control, 3D printers, and medical instruments.

Key Features

Features

- **Support CAN communication:** Implements CAN FD at up to 5Mb/s
- **Easy to program:** Support AT command which enables simple serial port programming
- **Grove ecosystem:** 20mm x40mm x10mm small size, 4pin Grove connector to plug and play, Arduino compatible

Product Gallery



Specification

MCU	GD32E103
UART baud rate	Up to 115200(default 9600)
CAN FD baud rate	Up to 5Mb/s
Indicator	TX and RX led
Working voltage	3.3V
Grove connector	4pin Grove connector to plug and play
Size	20mm x40mm x10mm

Grove - CAN BUS Module based on GD32E103	1
Grove cable	1

Applications

- **Car hacking:** allows different parts of the vehicle to talk to each other, including the engine, the transmission, and the brakes. Windows, doors, and mirror adjustment.
- **3D Printers**
- **Building automation**
- **Lighting control systems**
- **Medical instruments and equipment**

Compliance & Logistics

HSCODE	8543909000
USHSCODE	8543903500
UPC	
EUHSCODE	8517180000
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/Grove-CAN-BUS-Module-based-on-GD32E103-p-5456.html>
- [datasheet](#)
- [library](#)

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