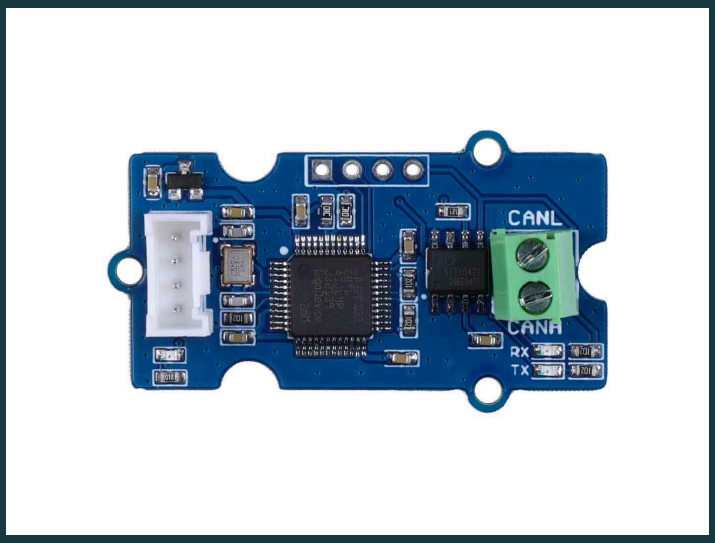
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INDUSTRIAL PRODUCT DATASHEET

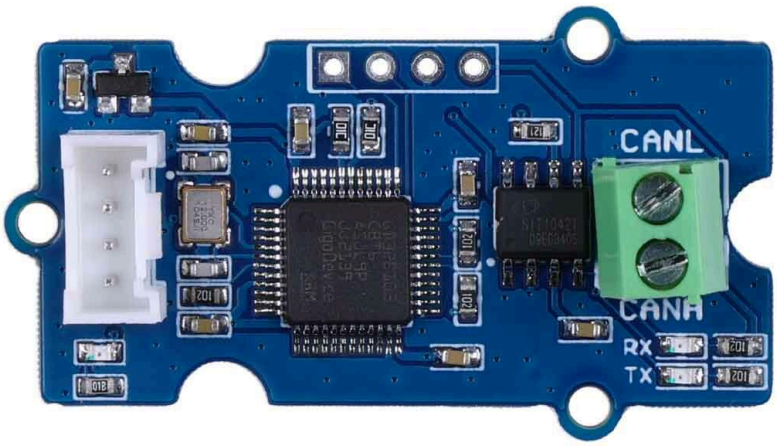
Grove - CAN BUS Module based on GD32E103

This Grove - CAN BUS Module based on GD32E103 adopts a brand-new design, uses the cost-effective and high-performance GD32E103 microcontroller as the main control and cooperates with a firmware we wrote to complete the functio...

SKU	UPDATED	PRICE
114992978	2026-11-11 08:56:21	$4.90(Excl. VAT)



Overview



This Grove - CAN BUS Module based on GD32E103 adopts a brand-new design, uses the cost-effective and high-performance GD32E103 microcontroller as the main control and cooperates with a firmware we wrote to complete the function of the serial port to CAN FD.

Key Features

01 **Support CAN communication**

Implements CAN FD at up to 5Mb/s

02 **Easy to program**

Support AT command which enables simple serial port programming

03 **Grove ecosystem**

20mm x40mm x10mm small size, 4pin Grove connector to plug and play, Arduino compatible

04 **Grove - 3-Axis Digital Accelerometer(±1.5g) -- Sensing data changes for devices' fall detection, monitor if your car is tilted.**

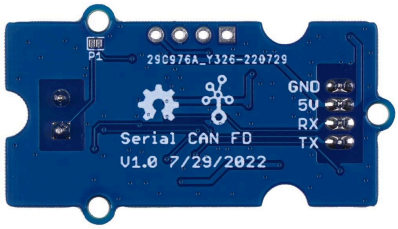
05 **Grove - Multichannel Gas Sensor v2 --**

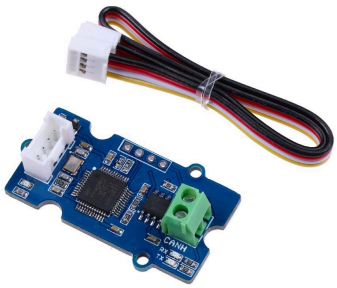
Provides a stable and reliable gas detecting function besides Carbon monoxide (CO), Nitrogen dioxide (NO2), Ethyl alcohol(C2H5CH), Volatile Organic Compounds (VOC)

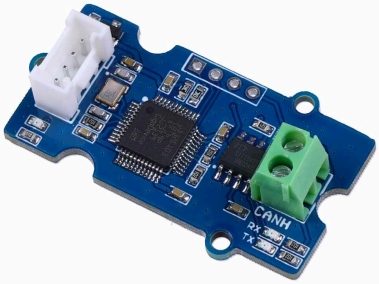
06 **Grove - Ultrasonic Distance Sensor -- To measure the car-to-object distance and provide audible cues and visual aids to the driver for backing up parking, and vehicle proximity awareness**

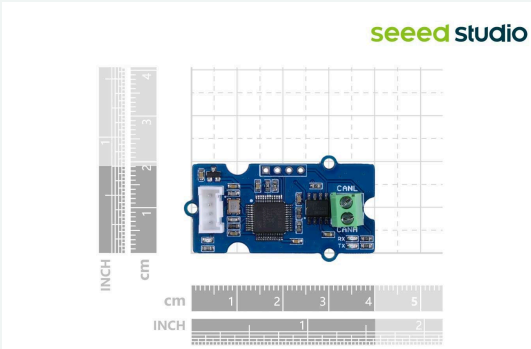
07 **Grove - PIR Motion Sensor -- To measure infrared light radiating from objects in its field of view**

Product Gallery









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

Resource Links

- https://www.seeedstudio.com/Grove-CAN-BUS-Module-based-on-GD32E103-p-5456.html
- datasheet
- library

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