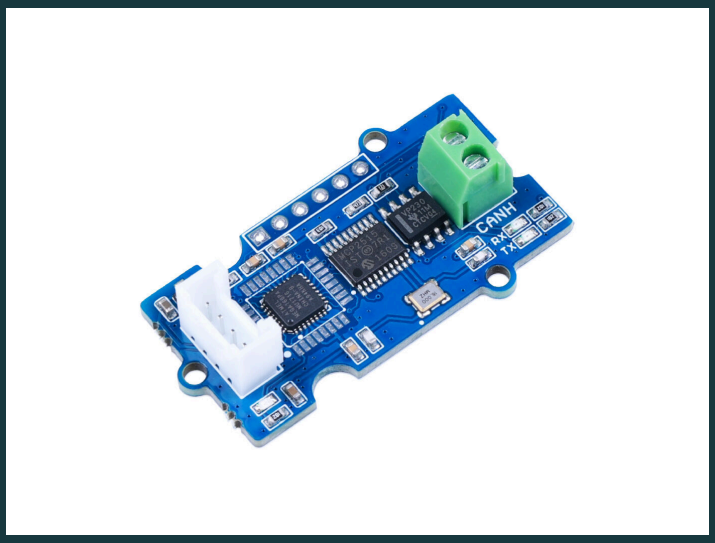
seeed studio

INDUSTRIAL PRODUCT DATASHEET

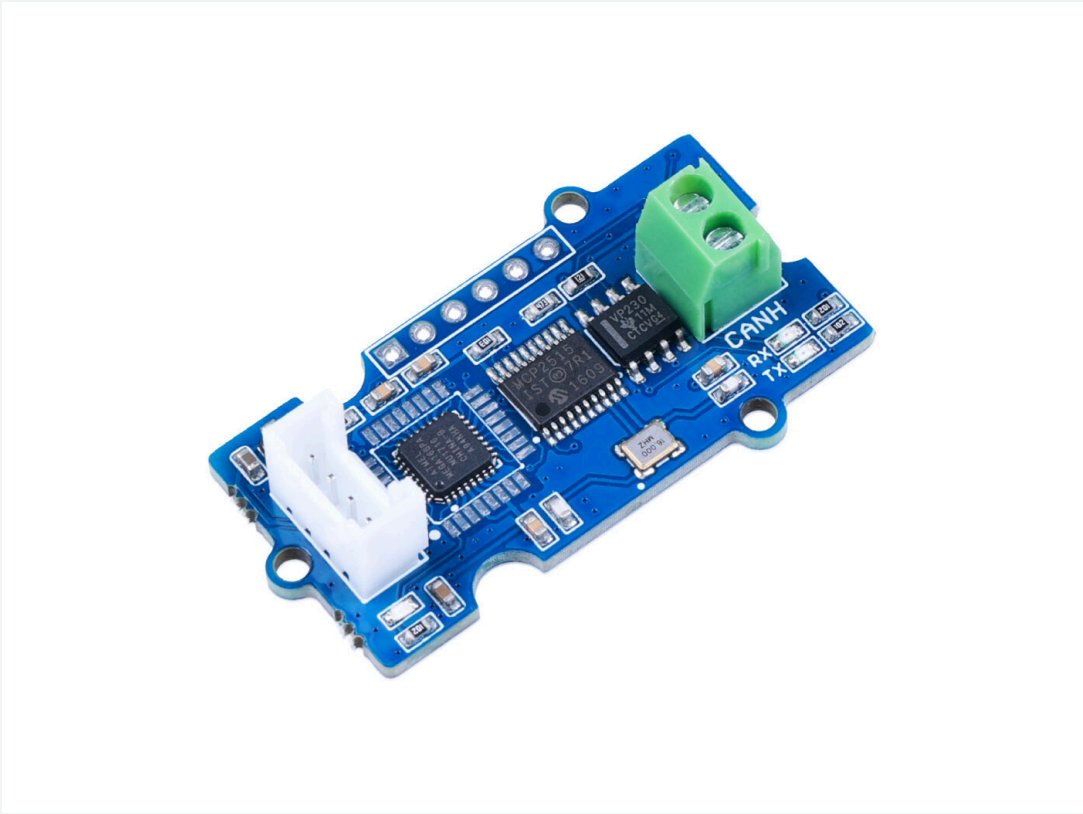
I2C CAN-BUS Module based on MCP2551 and MCP2515

MCP2551 and MCP2515 I2C CAN-BUS Module enable your Arduino and other MCU to communicate to CAN-BUS to hack your vehicle.

SKU	UPDATED	PRICE
113020111	2026-11-11 08:42:20	$19.90(Excl. VAT)



Overview



MCP2551 and MCP2515 I2C CAN-BUS Module enable your Arduino and other MCU to communicate to CAN-BUS to hack your vehicle. This module provides speed up to 1Mb/s. It also has a terminal block so you can connect to your vehicle's OBD-II port with two wires.

Key Features

01 **Cart to CAN-BUS communication**

02 **Up to 1Mb/s CAN Bus baud rate (default 500k)**

03 **Work with Arduino/BeagleBone board/Pi or any MCU that integrated with I2C**

04 **TX and RX led indicator for CAN Bus**

05 **4pin Grove connector to plug and play**

06 **3 / 5V working voltage**

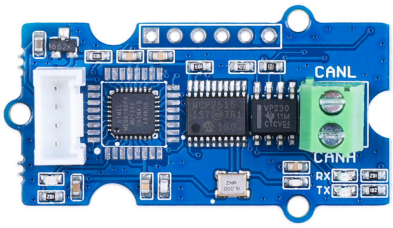
07 **Easy-to-use Arduino library**

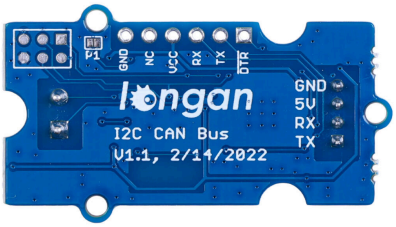
08 **Small size**

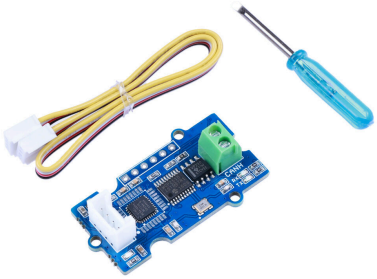
20x40 mm

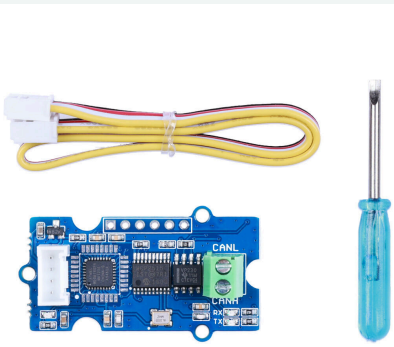
Product Gallery

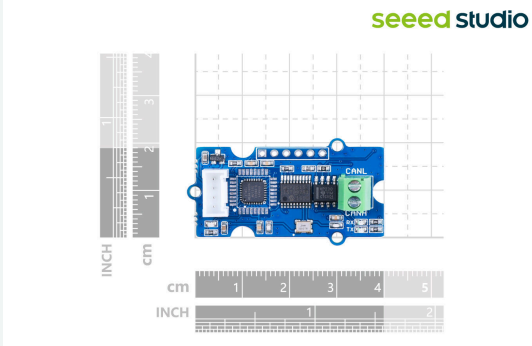












Applications

- **CAN Bus Monitor**
- **Car Hacking**

Resource Links

- https://www.seeedstudio.com/I2C-CAN-Bus-Module-p-5054.html
- I2C CAN Bus Module Docs
- Arduino Library
- I2C CAN Bus Schematics
- CAN Bus Products - Selection Guide

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