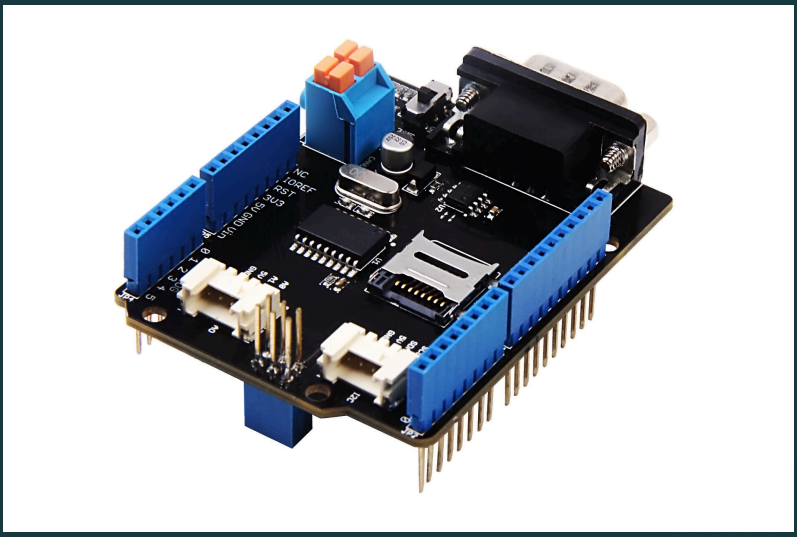
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INDUSTRIAL PRODUCT DATASHEET

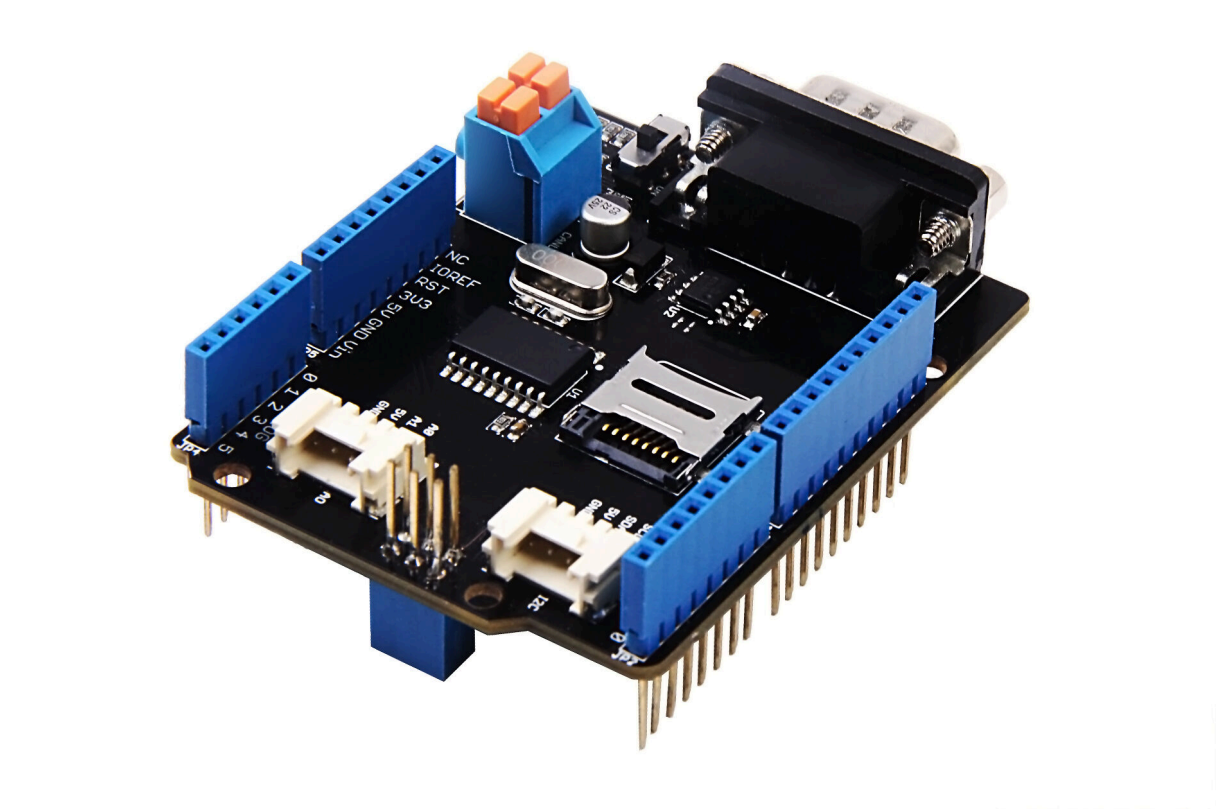
CAN-BUS Shield V2 - high-performance MCP2515 controller & MCP2551 transceiver

CAN-BUS Shield V2 with MCP2515 controller and MCP2551 transceiver supports CAN V2.0B at up to 1 Mb/s.

SKU	UPDATED	PRICE
103030215	2026-10-23 02:47:01	$27.00(Excl. VAT)



Overview

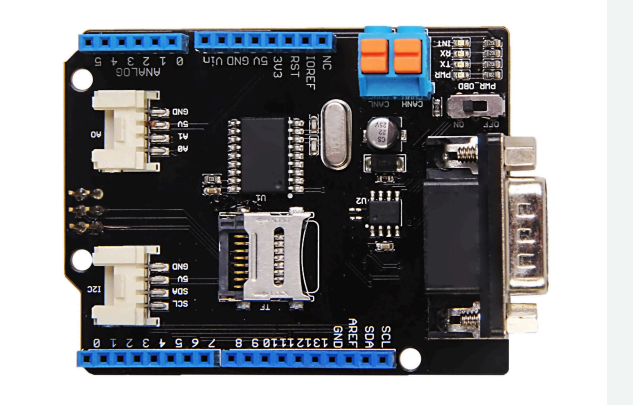


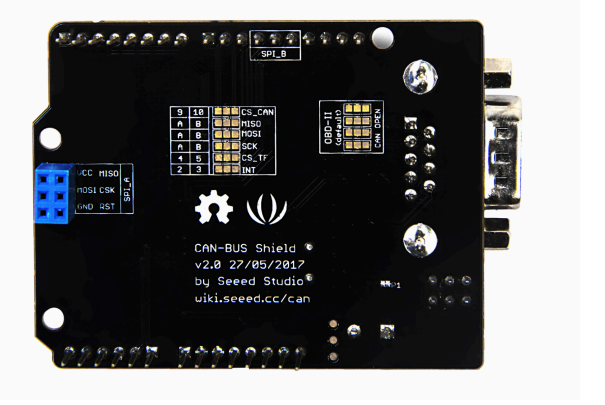
The CAN-BUS Shield V2 is a high-performance shield featuring the stand-alone MCP2515 CAN-BUS controller and the high-speed MCP2551 CAN transceiver. It implements CAN V2.0B at up to 1 Mb/s, provides a 9-pin sub-D connector, and supports standard (11-bit) and extended (29-bit) data and remote frames with two receive buffers.

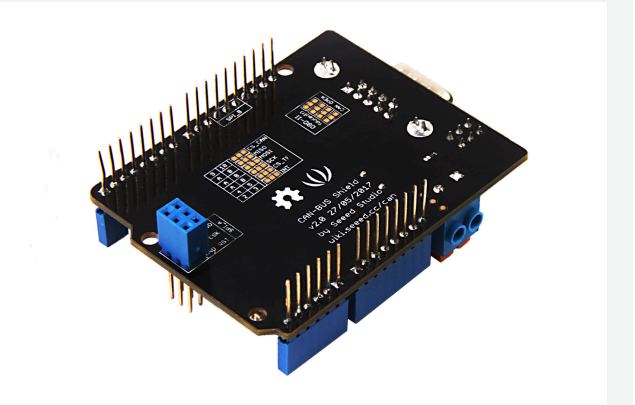
Key Features

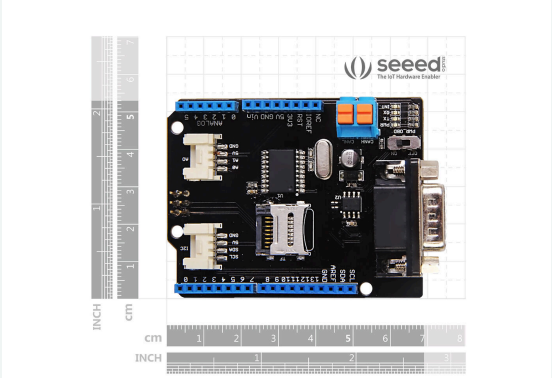
- **High-performance ICs**: stand-alone MCP2515 CAN-BUS controller and high-speed MCP2551 CAN transceiver
- **Supports industrial standards:** provide 9-pin sub-D connector
- **Medium communication speed:** implements CAN V2.0B at up to 1 Mb/s
- **Long travel distance:** Standard (11 bit) and extended (29 bit) data and remote frames
- **Two receive buffers with prioritized message storage**

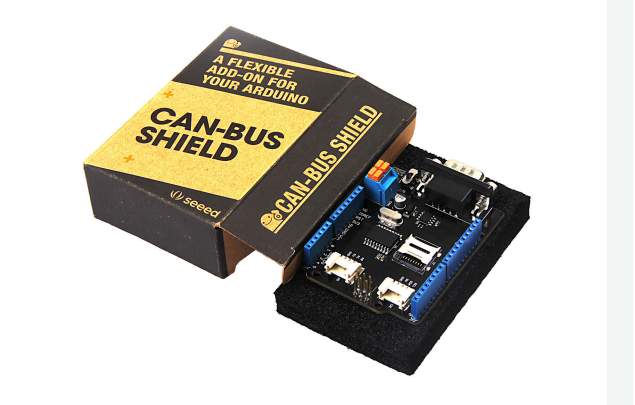
Product Gallery











Part List

CAN-BUS Shield V2	1

Compliance & Logistics



HSCODE	8517709000
USHSCODE	8543903500
UPC	841454120124
EUHSCODE	8517180000
COO	CHINA

Resource Links

- https://www.seeedstudio.com/CAN-BUS-Shield-V2.html
- CAN-BUS Shield V2.0 Schmatics
- Schematic & PCB of CAN-BUS Shield V2.0
- Arduino Library for CAN-BUS Shield
- MCP2515 datasheet
- MCP2551 datasheet
- An OBD Demo
- MCP2515 Baud Rate Tool
- USB-CAN Analyzer
- DB9 to OBD2 Cable
- CAN BUS Shield v2.0 Drawing in PDF
- CAN BUS Shield v2.0 Drawing in DXF

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com