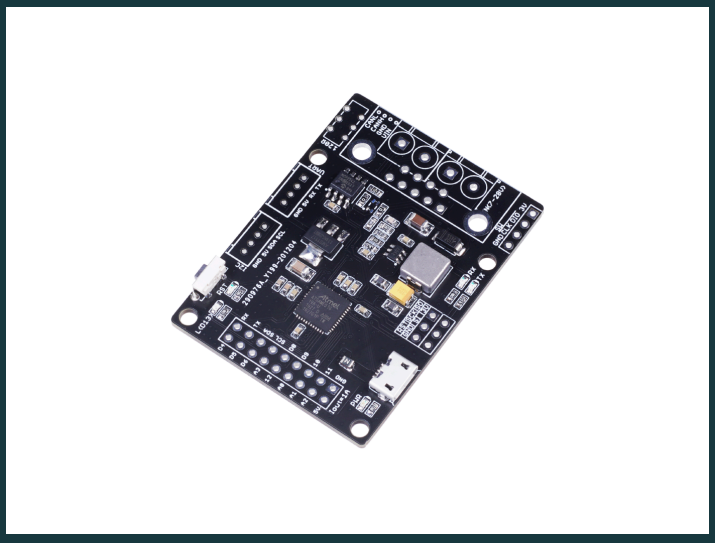
seeed studio

INDUSTRIAL PRODUCT DATASHEET

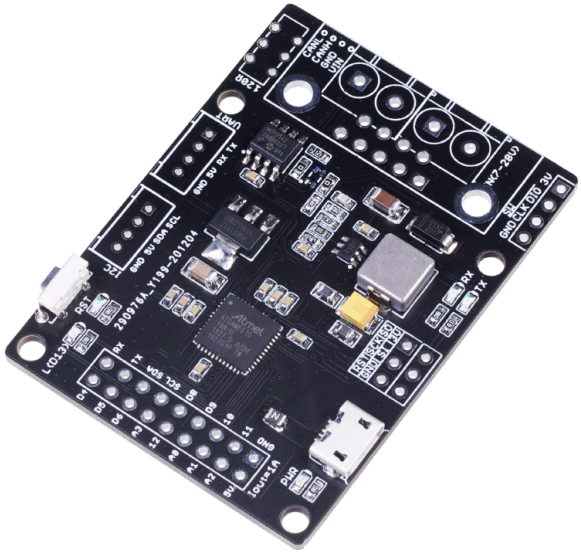
CANBed M4 Development Board with ATSAME51G19A MCU and MCP2542FD CAN Transceiver

CAN Bus is a common industrial bus because of its long travel distance, medium communication speed, and high reliability.

SKU	UPDATED	PRICE
102991495	2026-11-11 08:36:09	$19.90(Excl. VAT)



Overview



CAN Bus is a common industrial bus because of its long travel distance, medium communication speed, and high reliability. It is commonly found on modern machine tools, such as an automotive diagnostic bus. This CANBed M4 is the latest board of the CANBed family, with the ATSAME51G19A MCU and MCP2542FD CAN transceiver to achieve the CAN-FD capability.

Key Features

01 Supports CAN-FD and CAN2.0

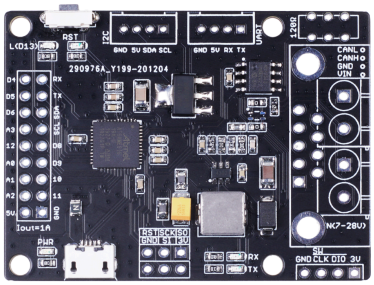
02 Powerful ATSAME51G19A 32bit Cortex M4 core

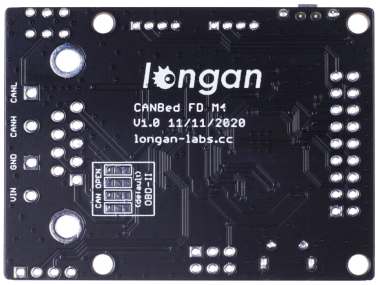
03 Industrial standard 9-pin sub-D connector or a 4-pin terminal connector

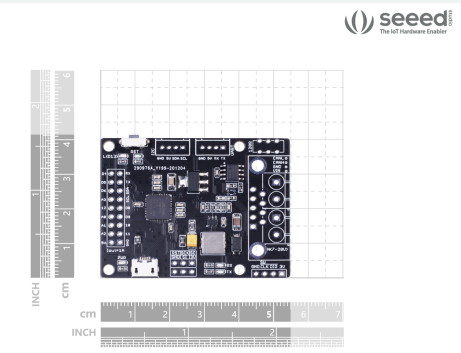
04 OBD-II and CAN standard pinout selectable at the sub-D connector

05 2x4-pin connector compatible with Grove ecosystem

Product Gallery







Applications

- **Car Hacking: easily connect the circuit board to the OBD interface, get the data such as temperature, position, stability of your vehicle**
- **Easy building prototype: Powerful ATSAME51G19A 32bit Cortex M4 core helps build various prototypes.**

Resource Links

- https://www.seeedstudio.com/Canbed-M4-p-4782.html
- Schematics

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