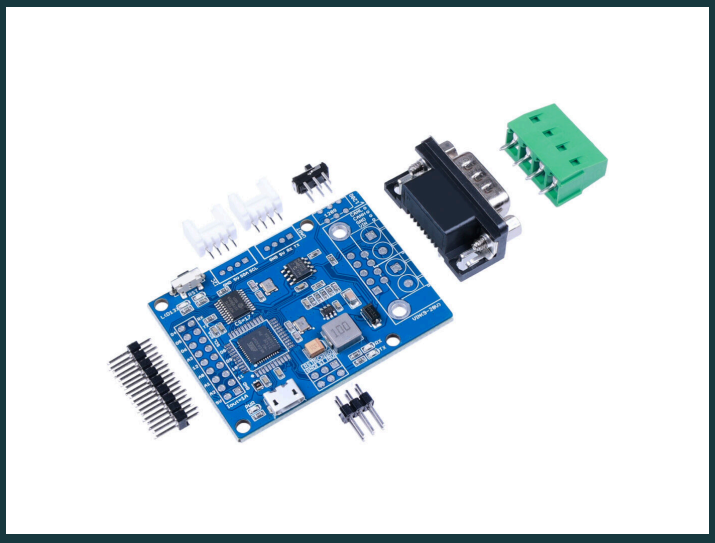
seeed studio

INDUSTRIAL PRODUCT DATASHEET

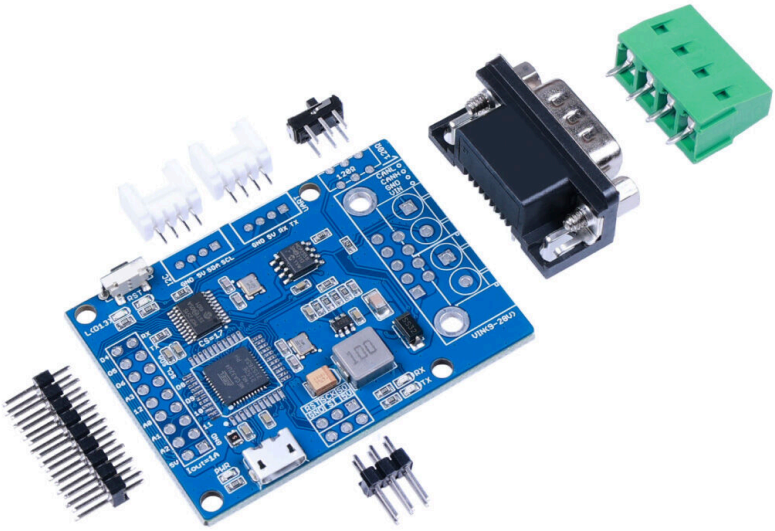
CANBed - Arduino CAN-BUS Development Kit (ATmega32U4 with MCP2515 and MCP2551)

CANBed - Arduino CAN-BUS Development Kit carries an Microchip ATmega32U4 chip and MCP2515, MCP2551 CAN-BUS controller and transceiver to realize the CAN-BUS communication protocol on a single board without other MCU to...

SKU	UPDATED	PRICE
102991321	2026-11-11 08:22:21	$29.00(Excl. VAT)



Overview



CANBed - Arduino CAN-BUS Development Kit carries an Microchip ATmega32U4 chip and MCP2515, MCP2551 CAN-BUS controller and transceiver to realize the CAN-BUS communication protocol on a single board without other MCU to control, it is a CAN-BUS Development Board itself!

Key Features

01 **Enhanced MCU Performance**

ATmega32U4 with Arduino Leonardo bootloader on the board

02 **Compatible with Arduino**

Combines CAN-BUS shield and Arduino development board together on a single board

03 **High Speed**

Implements CAN V2.0B at up to 1 Mb/s

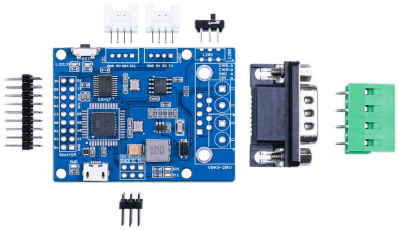
04 **Rich Resources in Pins**

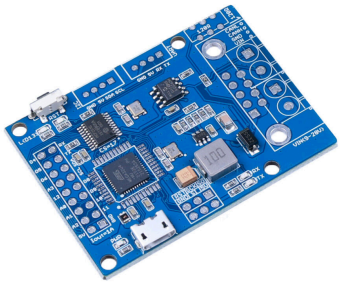
18 pins that include digital pins, analog pins, UART, and I2C interface

05 **Easy to Use**

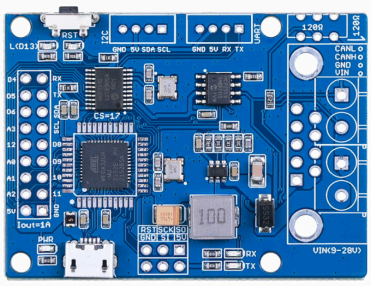
Requires no other MCU to control and is compatible with Arduino IDE

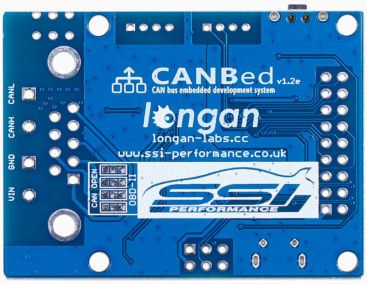
Product Gallery

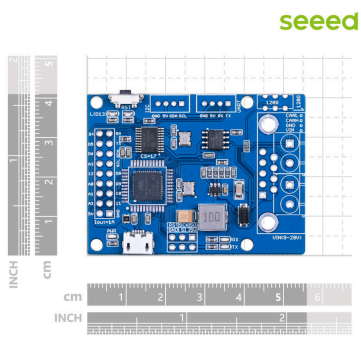












Applications

- **Car hacking: The user can connect the circuit board to the OBD interface through the sub-D connector to read the data of the car**
- **Easy building prototype: ATmega32U4 chip leads out various additional functions which help especially beginners build various prototypes.**

Resource Links

- https://www.seeedstudio.com/CANBed-Arduino-CAN-BUS-Development-Kit-Atmega32U4-with-MCP2515-and-MCP2551-p-4365.html
- Arduino CAN-Bus library
- Hardware schematic

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