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INDUSTRIAL PRODUCT DATASHEET

OBD-II CAN Bus GPS Development Kit

SKU	UPDATED	PRICE
109990405	2026-11-11 08:13:53	$29.90(Excl. VAT)



Key Features

01 Male OBD-II connector

02 Easy-to-use Arduino library

03 Integrated ATmega32U4 – 8-bit AVR microcontroller

04 NEO-6 GPS breakout

05 Integrated microSD card (or TF card) slot

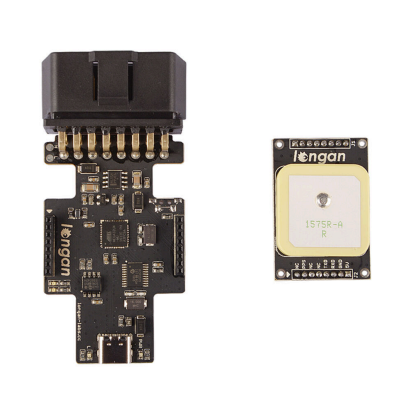
06 Micro-USB port for output

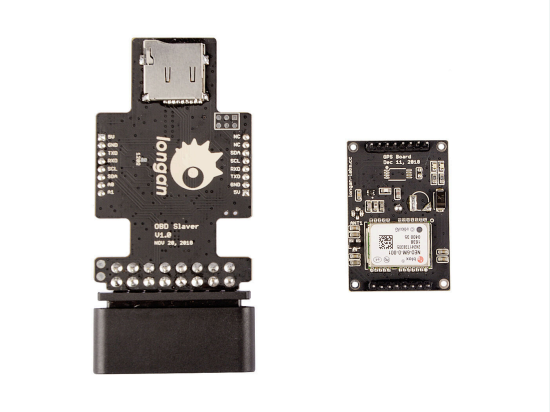
07 Supports up to 115200 UART baud rate (default 9600)

08 Supports up to 1Mb/s CAN Bus baud rate

09 LED indicators for TX and RX

Product Gallery







Applications

- The development kit allows you to access your vehicle's CAN bus via the OBD-II connector. The development kit can be connected (plugged) to your vehicle's OBD-II port (On-Board Diagnostics port). The base board of the development kit is integrated with an Atmega32U4 microprocessor.
- The CAN-Bus library is available to write sketches using Arduino IDE to send and receive messages from the CAN bus network and also allows you to fetch useful data from the messages. The output data can be taken through the Micro-USB port or you can store them to a microSD card (TF card) by inserting to the microSD slot.
- The main board in the kit is based on MCP2551 CAN transceiver and MCP2515 CAN receiver, which provides baud rate from 5kb/s to 1Mb/s.
- A NEO-6 GPS breakout is seated on the base board allows you to track your vehicle with this fantastic small module by logging the GPS data to a microSD card.
- It is obvious that you will love it, happy hacking!

Resource Links

- https://www.seeedstudio.com/OBD-II-CAN-Bus-GPS-Development-Kit-p-2868.html
- How to Use
- Arudino Library
- Schematics in Eagle File
- An Easy Way to Get Data From Your Vehicle

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