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## Overview

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## CAN-BUS Shield v2

Code: TPX00006 / Barcode: 103030215

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With its long travel distance, great communication speed and high reliability, CAN-BUS is one of the most common industrial bus.

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## Overview

It is commonly found on modern machine tools and as an automotive diagnostic bus. Thanks to the CAN-BUS, makers are able to hack their cars!

It adopts MCP2515 CAN-BUS controller with SPI interface and MCP2551 CAN transceiver to give you Arduino CAN-BUS capability. Default pinout is OBD-II and CAN standard pinout can be selected by switching jumpers on DB9 interface. Moreover, it has the TF card slot for data storage and the CS pin that can be set to D4 or D5. The INT pin can also be set to D2 or D3 by switching jumpers on the back of the shield.

CAN-BUS Shield Works perfectly with Arduino UNO (ATmega328), Arduino Mega (ATmega1280/2560) as well as Arduino Leonardo (ATmega32U4).

### Features:

- Implements CAN V2.0B at up to 1 Mb/s
- Industrial standard 9 pin sub-D connector
- OBD-II and CAN standard pinout selectable.
- Changeable chip select pin
- Changeable CS pin for TF card slot
- Changeable INT pin
- Screw terminal that easily to connect CAN\_H and CAN\_L
- Arduino Uno pin headers

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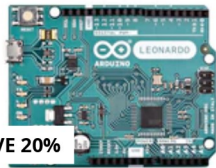
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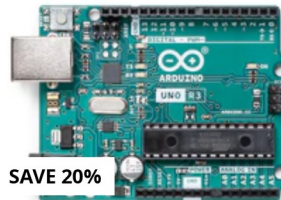
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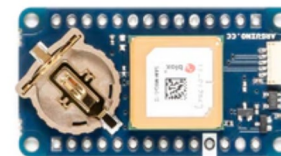
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