

# MCP2515 CAN Bus Monitor Demo Board [Buy Now](#)

Part Number: MCP2515DM-BM

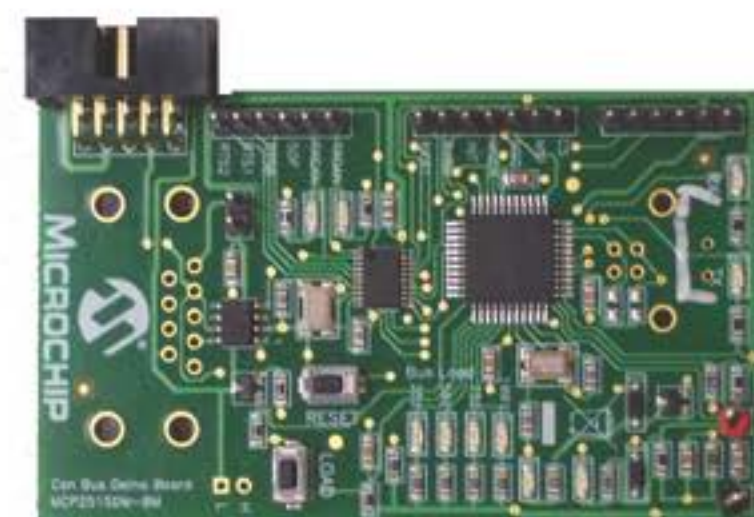
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Devices Supported: MCP2515, MCP2561

The MCP2515 CAN Bus Monitor Demo Board kit contains two identical boards which can be connected together to create a simple two node Controller Area Network (CAN) bus, which can be controlled and/or monitored via the included PC interface. The board(s) can also be connected to an existing CAN bus.

Using the PC interface, users can configure the MCP2515 registers, send CAN messages, and receive CAN messages. CAN traffic can be generated using a button on the board not connected to the PC.

There are also several headers (test points) so the MCP2515 pins can be monitored.





## Features

## Package Contents

- Two identical boards and a CAN cable for creating a small CAN bus
- USB interface and PC software to interface to the CAN bus
- CAN bus PC software
- Button for changing the bus load on the Traffic Generator node
- Headers (test points) for monitoring the MCP2515 pins (CAN, SPI, and status/interrupt pins)
- PIC18F4550 PIC® Microcontroller (MCU) with ICD2 interface/header for in-circuit programming.

## Documentation & Software

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AppNotes	Last Updated	Size	
AN713 - An introduction to the CAN protocol that discusses the basics and key features.	9/16/2005 2:14:13 PM	141KB	
AN754 - Understanding Microchip's CAN Module Bit Timing	9/16/2005 2:13:45 PM	248KB	
AN228 - A CAN Physical Layer Discussion	9/16/2005 2:13:18 PM	258KB	
Documents	Last Updated	Size	
MCP2515 CAN Bus Monitor Demo Board User's Guide	10/29/2014 3:50:45 PM	890KB	
MCP2515 CAN Bus Monitor Demo Board Firmware	9/10/2014 1:37:54 PM	198KB	
MCP2515DM-BM PC Software Rev 2.0	11/18/2010 2:28:42 PM	208KB	
MCP2515 CAN Bus Monitor Demo Board Gerbers	6/28/2010 2:31:47 PM	228KB	