

# MCP2515 PICTail Plus Daughter Board

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Part Number: MCP2515DM-PTPLS

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The MCP2515 PICTail Plus Daughter Board is a simple Controller Area Network (CAN) board designed to be used with boards containing the PICTail Plus connector. The board also has the PICKit™ Serial connector for interfacing to the PICKit Serial Analyzer tool. The CAN node consists of the MCP2515 Stand-Alone CAN controller and MCP2551 CAN transceiver. The PICKit Plus and PICKit Serial connectors allow the board to be interfaced to a variety of PICmicros so that the user can develop a CAN node. The board also contains headers or test points for most of the MCP2515 pins to allow the external functions to be monitored/evaluated.



## Features

## Package Contents

- Stand-alone CAN controller and CAN transceiver
- PICTail Plus connector for attaching to Explorer 16 and other main boards with the connector
- DB9 connector for connecting to CAN networks using the psuedo standard pinout
- Footprint for terminal block connector for the CAN bus
- Test points for all of the MCP2515 pins

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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 Data Sheet	8/24/2012 3:20:04 PM	1MB	
MCP2551 Datasheet	7/9/2010 2:03:18 PM	343KB	
MCP2515 PICTail Plus Daughter Board User's Guide	10/2/2008 1:53:02 PM	584KB	
MCP2515 PICTail Plus Daughter Board Gerbers	10/2/2008 1:47:58 PM	86KB	
MCP2515 PICTail Plus Daughter Board Firmware	10/2/2008 1:45:14 PM	120KB	
CAN Library for PIC32 with support for MCP2515	3/24/2008 10:11:02 AM	238KB	