

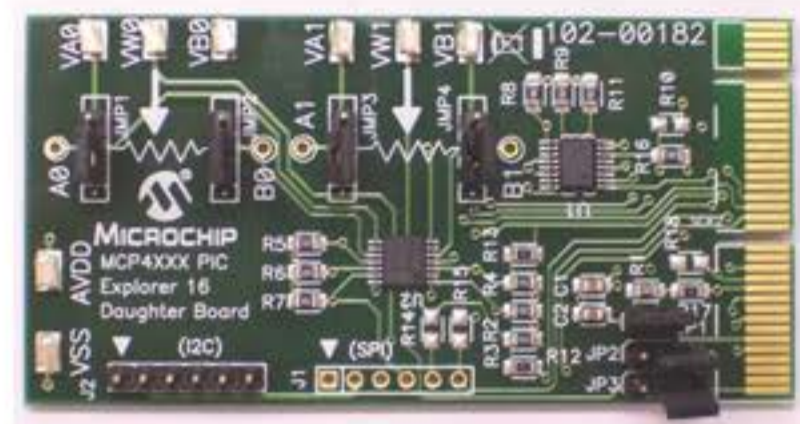
# MCP46XX PICtail Plus Daughter Board [Buy Now](#)



Part Number: MCP46XXDM-PTPLS

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The MCP46XX PICtail™ Plus Daughter Board demonstrates the features and abilities of Microchip's MCP45XX and MCP46XX Digital Potentiometers. This board is designed to exclusively use the MCP46X1 devices. The MCP4661 uses an I2C™ interface and can be controlled via the PICKit Serial Analyzer interface or via the PICtail™ Plus interface.



## Features

## Package Contents

- PICKit Serial Analyzer Interface
- PICtail Plus Interface
- MAX4582L High Voltage analog switch to allow HVC voltage to be selected as one of four voltages
- (VSS, 3.3V, 5.0V, or 9.0V) - High Voltage command support
- Jumpers to connect Wiper pins (W0 and W1) to the PICDEM Analog Channels
- Jumper to allow AVDD to be driven by external power supply while connected to the PICDEM board or the PICKit Serial Analyzer
- Jumpers to allow Terminal A pins to be connected to the AVDD or VAx (0,1) pad
- Jumpers to allow Terminal B pins to be connected to the VSS or VBx (0,1) pad
- Connection point for easy connection to the Resistor Network Terminal pins
- PIC24 C program using standard Microchip "C" I2C™ Libraries

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AppNotes	Last Updated	Size	
AN1080 - Understanding Digital Potentiometers Resistor Variations	7/27/2009 1:45:44 PM	565KB	
DevTools	Last Updated	Size	
PICKit Serial Analyzer	11/10/2008 9:52:16 AM	52KB	
Documents	Last Updated	Size	
7/8-Bit Single/Dual I2C Digital POT with Non-Volatile Memory	2/28/2013 4:33:47 PM	2MB	
MCP453X/455X/463X/465X - 7/8-Bit Single/Dual I2C Digital POT with Volatile Memory	2/22/2013 11:27:59 AM	3MB	
MCP46XX PICtail Plus Daughter Board User's Guide	6/30/2009 2:31:23 PM	3MB	
MCP46XX PICtail Plus Daughter Board Firmware	6/30/2009 1:58:06 PM	791KB	
MCP42XX PICtail Plus Daughter Board Gerbers	9/30/2008 2:13:40 PM	228KB	