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MCP215X/40 Developer's Daughter Board

Buy it Now

Part Number: MCP215X/40EV-DB

Devices Supported: MCP2150, MCP2155, MCP2140

Summary Description:

The MCP215X/40 Developer 's Daughter Board is used to evaluate and demonstrate the MCP2150, MCP2155 or the MCP2140 IrDA ® Standard Protocol Handler with Encoder/Decoder devices.

Headers allow the MCP215X/40 Developer 's Daughter Board to be easily jumpered into systems for development purposes.

The MCP215X/40 Developer 's Daughter Board is designed to interface to several of the "new" low cost PICmicro ® Demo Boards. These include the PICDEM™ HPC Explorer Demo board, the PICDEM™ FS USB Demo board, and the PICDEM™ LCD Demo board.

When the MCP215X/40 Developer 's Daughter Board is used in conjunction with the PICDEM™ HPC Explorer Demo board, the MCP215X or MCP2140 can be connected to either of the PIC18F8772's two UARTs or the RX and TX signals can be "crossed" so the MCP215X or MCP2140 device can communicate directly out the PICDEM™ HPC Explorer Demo Board's UART (DB-9). This allows similar functionality to the obsoleted MCP2150 Developer 's Board (DM163008).

Features:

- 18-pin Socket for installation of MCP2150, MCP2155, or MCP2140
- Three Optical Transceiver circuits (1 installed)
- MCP2140 Optical Transceiver waveshaping circuit
- Headers to interface to low cost PICDEM Demo Boards, including:
  - PICDEM™ HPC Explorer Demo Board
  - PICDEM™ LCD Demo Board
  - PICDEM™ FS USB Demo Board
  - PICDEM™ 2 Plus Demo Board
- Headers to easily connect to the user 's embedded system
- Jumpers to select circuit connections between MCP2150, MCP2155, and MCP2140
- Jumpers to select routing of MCP215X/40 signals to the PICDEM™ Demo Board Headers
- Jumpers to configure the operating mode of the board

Downloads

Title	Date Published	Size	D/L
MCP215X/40 Developer's Daughter Board User's Guide	2/28/2006 4:11:00 PM	2562 KB	
MCP215x/40 Developer's Daughter Board Firmware	3/1/2006 3:56:00 PM	34 KB	
MCP215x/40 Developer's Daughter Board Gerbers	3/1/2006 4:05:00 PM	217 KB	
Analog and Interface Solutions Brochure	1/30/2008 2:14:00 PM	633 KB	
Low Cost Development Tools Guide	12/19/2007 2:23:00 PM	1498 KB	

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