

MCP2150 Developer's Board

No Longer Available

Part Number: MCP2150DM

Documentation & Software

This product is now obsolete

The MCP2150 Developer's Board allows for the easy demonstration and development of IrDA applications. The board can be powered via USB or the power test points (VDD and GND).

The Host interface can be connected to the UART driver device for communication over the DB-9 connector (for IrDA to UART operation), connected to the PIC18F65J50 for stand alone operation, or connected to the PIC18F65J50 with the PIC18F65J50 connected to the UART driver device (for pass-through operation).



Features

Package Contents

- Powered via USB or Test Clips
- +3.3V regulator for powering the PIC18F65J50
- ICSP Interface
- DB-9 Interface (can connect to either MCP2150 or PIC18F65J50)
- Fourteen-pin header connection to MCP2150's Host UART interface
- IR transceiver circuits (one implemented, two optional - Not Populated)
- Reset switch for PIC18F65J50 device
- Jumpers for routing Host Interface signals to either MAX3238 device or PIC18F65J50
- Jumpers on PIC Input pins to allow program selection
- Board power indicator LED

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AppNotes	Last Updated	Size	
AN926 - Programming the Pocket PC OS for Embedded IR Applications	2/9/2009 1:06:22 PM	825KB	
AN941 - Programming Windows XP® for Embedded IR Applications	6/7/2007 1:42:31 PM	1MB	
AN927 - Data Throughput and the MCP215X	7/25/2006 4:14:51 PM	518KB	
AN923 - Using the MCP2120 Developer's Board of "IR Sniffing"	12/20/2004 4:05:24 PM	424KB	
TB073 - Selecting an MCP21XX Device for IrDA® Applications	8/12/2004 2:22:35 PM	124KB	
AN858 - Interfacing The MCP215X to a Host Controller	3/14/2004 10:02:02 PM	428KB	
AN758 - Using the MCP2150 To Add IrDA® Standard Wireless Connectivity	3/14/2004 9:39:10 PM	363KB	
Documents	Last Updated	Size	
MCP2150 Developer's Board User's Guide	4/25/2014 4:31:11 PM	1MB	
MCP2155 Datasheet	2/5/2013 1:46:51 PM	830KB	
MCP2150 Datasheet	2/5/2013 1:31:50 PM	952KB	
MCP2150DM Gerbers	1/7/2010 10:04:04 AM	307KB	
MCP2150DM Firmware	1/7/2010 9:52:40 AM	61KB	