

MCP23X08 8-bit GPIO Expander Evaluation Board

Part Number: MCP23X08EV

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The MCP23X08 8-bit GPIO Expander Evaluation Board demonstrates simple input/output functionality of the MCP23008 (I2C interface) and the MCP23S08 (SPI interface). The system demonstrates the simplicity of monitoring four inputs and applying the level to associated outputs.



Features

Package Contents

- Demonstrates the MCP23X08 devices in a simple I/O application
- Includes two I/O expanders that are switch selectable: the MCP23008 with I2C interface and the MCP23S08 with SPI interface
- ICSP header for the PIC10F202 allows users to customize firmware to further evaluate the MCP23X08
- Jumpers and headers allow the MCP23X08 to connect directly to custom applications for prototype work
- Can be powered from a 3.0V to 5.5V DC power source (connected to the +5V and GND test points)

Documentation & Software

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Documents	Last Updated	Size	
MCP23008/MCP23S08 Data Sheet	8/24/2007 1:56:49 PM	649KB	
MCP23008/MCP23S08 Evaluation Board User's Guide	6/29/2006 1:57:24 PM	548KB	
MCP23X08 8-bit GPIO Expander Evaluation Board Gerbers	1/6/2006 9:55:52 AM	117KB	
MCP23X08 8-bit GPIO Expander Evaluation Board Firmware	1/6/2006 9:53:42 AM	5KB	

