

MCP9800 Temperature Data Logger Demo Board 2

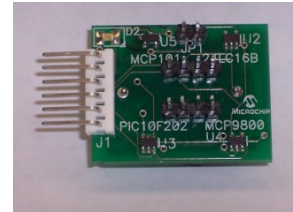
Part Number: MCP9800DM-DL2

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The MCP9800 Temp Sensor SEEVAL® 32 Data Logger board is a PCB assembly that uses a PIC10F202 to read Temperature Data using I2C communication from a Microchip MCP9800 Temperature Sensor, and stores that data, also using I2C communication, to a 24LC16B Serial EEPROM. The board can then be placed into a SEEVAL®32 Serial EEPROM Evaluation tool and the content can be read and stored into a .hex file. We have also provided an Excel Spreadsheet that can be used to import the .hex file so that the data may be graphed on your computer screen.



Features

Package Contents

- Small PCB layout. Can be placed virtually anywhere you need to measure temperature
- Standard ICSP™ pinout so the firmware can be modified using a PICKIT™ 2 programmer or any of Microchip's programming tools using the ICSP programming adapter.
- Standard Two-Wire 8-pin pinout (inverted) for easy reading of the 24LC16B into the SEEVAL® 32 evaluation tool software.

Documentation & Software

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Documents	Last Updated	Size	
24AA16/24LC16B Data Sheet	5/9/2016 6:13:41 PM	1MB	
MCP9800/1/2/3 Data Sheet	11/15/2010 3:12:55 PM	754KB	
SEEVAL 32 version 2.1	3/12/2007 11:13:22 AM	13MB	
SEEVAL 32 Quick Start Guide	2/2/2007 4:39:02 PM	193KB	
MCP9800 Temperature Data Logger Demo Board 2 Gerbers	1/26/2007 2:32:10 PM	102KB	
MCP9800 Temperature Data Logger Demo Board 2 Firmware	1/26/2007 2:28:36 PM	24KB	
MCP9800 Temperature Data Logger Demo Board 2 User's Guide	1/19/2007 11:42:33 AM	350KB	
MCP100/101 Datasheet	3/14/2004 7:38:27 PM	292KB	

