

## MCP215X/40 Data Logger Demo Board

Part Number: MCP215XDM

**Devices Supported:** MCP2150, MCP2155

### Summary Description:

The MCP215X IrDA Data Logger Demo Board demonstrates the MCP2150 (or MCP2155) IrDA Standard Protocol Stack Controller device in a real world application. The system designer can use this design as an example of how to integrate an IrDA standard port in their embedded system.



### Features:

- Demonstrates the MCP2150 IrDA Protocol Controller in a data logging application
- Communicates directly to a Laptop computer, Palm or Pocket PC PDA
- Primary Device application programs are provided to demonstrate operation (for PC, Palm OS, Pocket PC)
- F/W routines transmit data to a Primary Device (i.e., Laptop, PDA)
- LCD display indicates system state
- Reprogrammable PIC16F877 with ICSP<sup>ä</sup> (In-Circuit Serial Programming<sup>ä</sup>) interface and ICD header
- Interface Header allows board to be interfaced to a prototype system application
- Header allows other Optical Transceiver circuits to be interfaced to the MCP215x device
- Operates on 9V DC input or a 9V battery