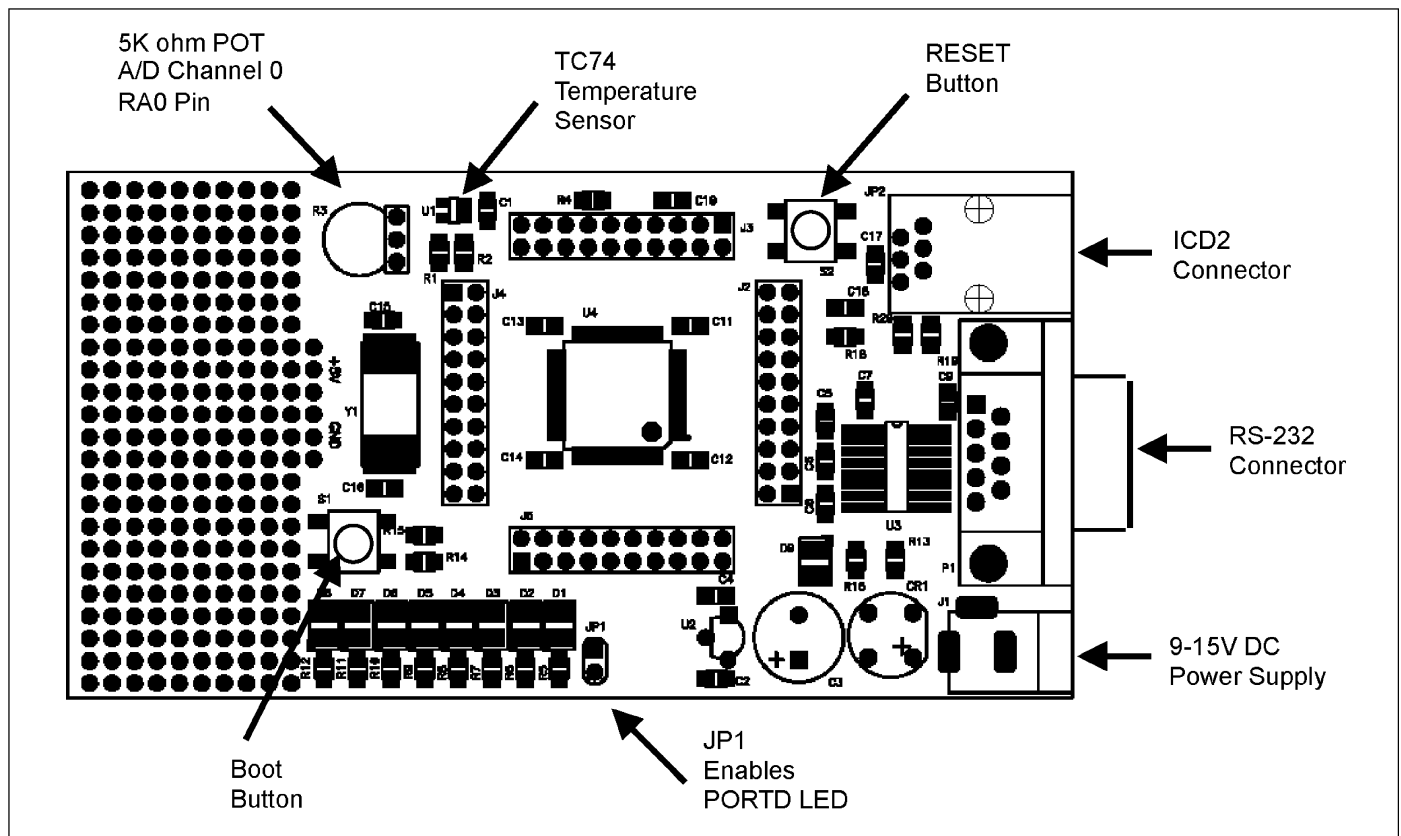# PIC18FXX20 64/80 pin TQFP Demo Board

Summary

This demo board is designed to allow the evaluation of the new PIC18F family of devices in 64 and 80 pin TQFP packages. The board comes fully populated with the PIC18F8720 MCU. This part is the superset of the entire family of devices including: PIC18F6520, PIC18F6620, PIC18F6720, PIC18F8520, PIC18F8620 and PIC18F8720.

Additional Features

- Direct connection to the Microchip MPLAB® ICD 2 In Circuit Programmer and Debugger.

- A standard RSR232 - 9 pole D connector supports asynchronous serial communication up to 115K baud with access to RTS and CTS lines for hardware handshake.

- A full break out of all the pins is available through connectors J2, J3, J4, J5.
  (J2 contains pins 1-20; J3 contains pins 21-40; J4 contains pins 41-60; J5 contains pins 61-80)

- Microchip's award winning TC74 temperature sensor is connected to the MSSP port.

- Accepts standard power supply as used by other development tools including: PICSTART® Plus, PRO MATE® II, and other demo boards. The power supply is also available as an accessory kit (AC162048).

To obtain the full schematic, layout, bill of material as well as example code and training material for use with this board, visit the Microchip web site at (http://www.microchip.com)

PIC18FXX20 64/80 pin TQFP Board Schematic (DM183020)

MICROCHIP
Development Systems

Development Tools from Microchip	
MPLAB® IDE	Integrated Development Environment (IDE)
MPASM™ Assembler	Universal PICmicro macro-assembler
MPLINK™ Linker/MPLIB™ Librarian	Linker/Librarian
MPLAB C18	C compiler for PIC18CXXX MCUs
MPLAB SIM Simulator	Software Simulator
MPLAB ICD 2	In-Circuit Debugger
MPLAB ICE 2000	Full-featured modular in-circuit emulator
MPLAB ICE 4000	Full-featured modular in-circuit emulator
PRO MATE® II Device Programmer	Full-featured, modular device programmer

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