



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



PIC18FXX20 64/80 pin TQFP Demo Board

Summary

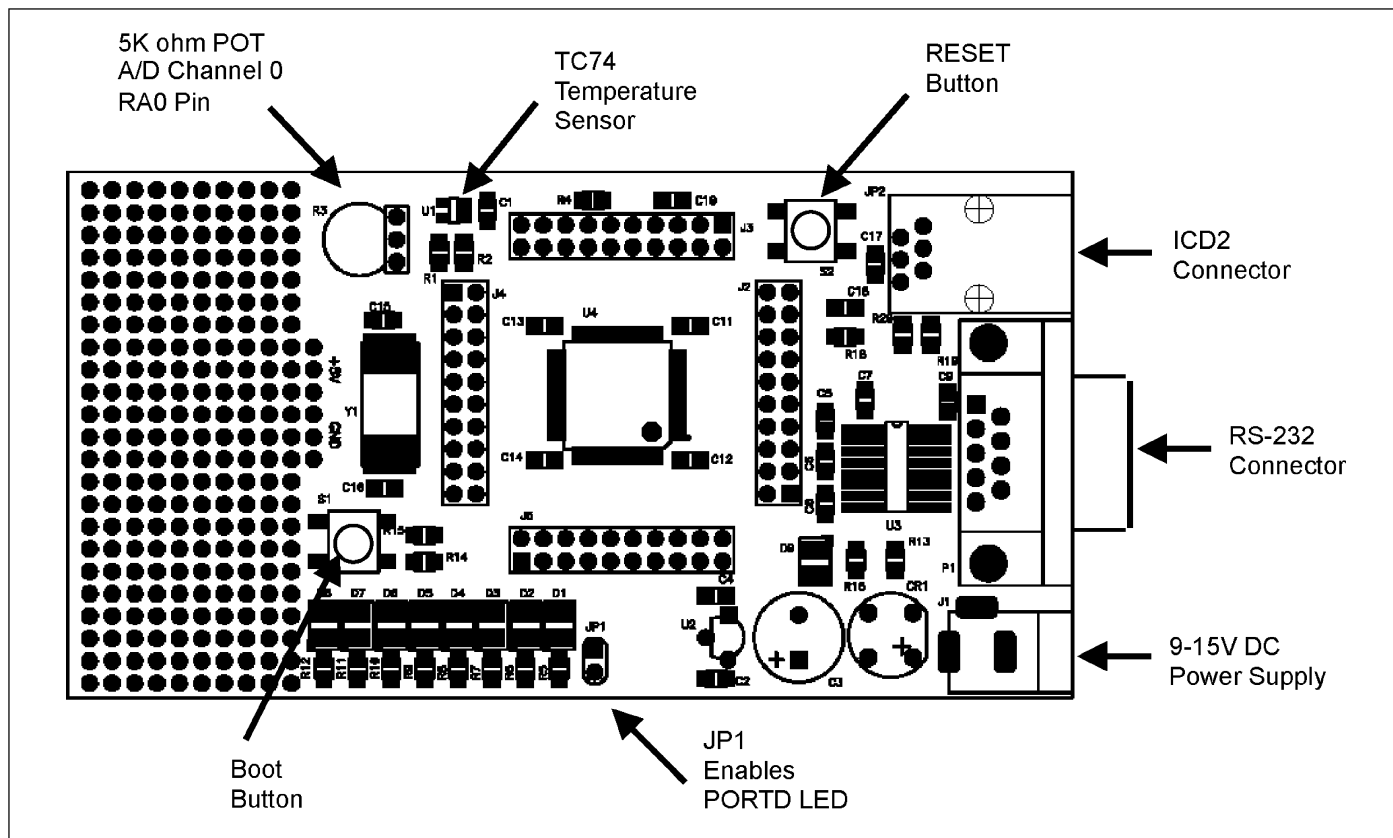
This demo board is designed to allow the evaluation of the new PIC18F family of devices in 64 and 80 pin TQFP packages. The board comes fully populated with the PIC18F8720 MCU. This part is the superset of the entire family of devices including: PIC18F6520, PIC18F6620, PIC18F6720, PIC18F8520, PIC18F8620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



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

Americas

Atlanta	(770) 640-0034
Boston	(978) 692-3848
Chicago	(630) 285-0071
Dallas	(972) 818-7423
Detroit	(248) 538-2250
Kokomo	(765) 864-8360
Los Angeles	(949) 263-1888
Phoenix	(480) 792-7966
San Jose	(408) 436-7950
Toronto	(905) 673-0699

Asia/Pacific

Australia	61-2-9868-6733
China – Beijing	86-10-85282100
China – Chengdu	86-28-86766200
China – Fuzhou	86-591-7503506
China – Hong Kong SAR	852-2401-1200
China – Qingdao	86-532-5027355
China – Shanghai	86-21-6275-5700
China – Shenzhen	86-755-82901380
India	91-80-2290061
Japan	81-45-471- 6166
Korea	82-2-554-7200
Singapore	65-6334-8870
Taiwan	886-2-2717-7175

Europe

Austria	43-7242-2244-399
Denmark	45-4420-9895
France	33-1-69-53-63-20
Germany	49-089-627-144-100
Italy	39-0331-742611
United Kingdom	44-118-921-5869

As of 2/12/03

Microchip Technology Inc. • 2355 W. Chandler Blvd. • Chandler, AZ 85224-6199 USA • (480) 792-7200 • FAX (480) 792-4150

The Microchip name and logo, the Microchip logo, KeeLoq, MPLAB, PIC, PICmicro, PICSTART, PRO MATE and PowerSmart are registered trademarks of Microchip Technology Incorporated in the U.S.A. and other countries. FilterLab, microID, MXDEV, MXLAB, PICMASTER, SEEVAL and The Embedded Control Solutions Company are registered trademarks of Microchip Technology Incorporated in the U.S.A. Accuron, dsPIC, dsPICDEM.net, ECONOMONITOR, FanSense, FlexROM, fuzzyLAB, In-Circuit Serial Programming, ICSP, ICEPIC, microPort, Migratable Memory, MPASM, MPLIB, MPLINK, MPSIM, PICC, PICKit, PICDEM, PICDEM.net, PowerCal, PowerInfo, PowerTool, rPIC, Select Mode, SmartSensor, SmartShunt, SmartTel and Total Endurance are trademarks of Microchip Technology Incorporated in the U.S.A. and other countries. Serialized Quick Turn Programming (SQTP) is a service mark of Microchip Technology Incorporated in the U.S.A. All other trademarks mentioned herein are property of their respective companies. © 2003, Microchip Technology Incorporated, Printed in the U.S.A., All Rights Reserved. 3/03

DS51336A