

MPLAB® PM3 Universal Device Programmer

Summary

The MPLAB PM3 Universal Device Programmer is easy to use and operates with a PC or as a stand-alone unit, and programs Microchip's entire line of PICmicro® devices as well as the latest dsPIC30F DSC devices. The MPLAB PM3 features a large and bright LCD unit (128x64 pixels) to display easy menus, programming statistics and status information.

The MPLAB PM3 programmer has exceptional programming speed to allow high production throughput, especially important for large memory devices, and includes a Secure Digital/Multimedia Card slot for easy and secure data storage and transfer.

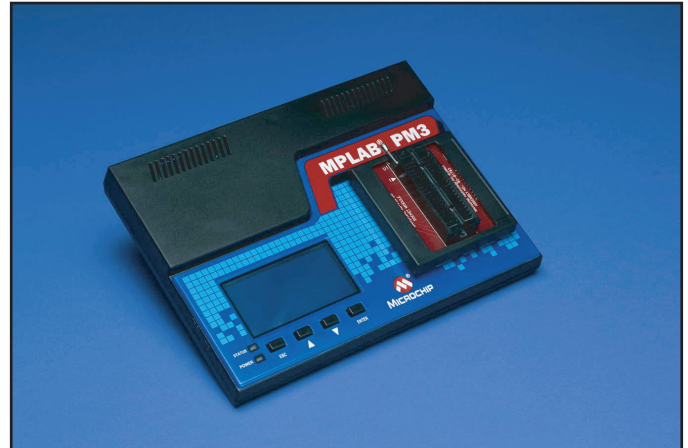
The MPLAB PM3 programmer is designed with 40 programmable socket pins, allowing each socket module to be configured to support many different devices, requiring fewer socket modules to support the entire line of Microchip parts. The socket modules use multi-pin connectors for high reliability and quick interchange. An adapter allows current PROMATE® II socket modules to be used on the MPLAB PM3 programmer.

When connected to a PC-host system either via a serial or USB port, the MPLAB PM3 programmer is seamlessly integrated with the MPLAB Integrated Development Environment (IDE) providing an exceptionally user-friendly interface for the ultimate control during programming. The MPLAB IDE includes a full-featured macro assembler, powerful software simulator with symbolic debugger, color-coded programmer's editor, project manager, high-level language debugging and support for Microchip and selected third party development tools, including compilers, low-cost in-circuit debuggers and full-featured in-circuit emulators.

Features

Key features of the MPLAB PM3 Programmer include:

- RS-232 or USB interface
- Integrated In Circuit Serial Programming™ (ICSP™) interface
- Fast programming time
- Three operating modes:
 - PC Host mode for full control
 - Safe mode for secure data
 - Standalone mode for programming without a PC
- Complete line of interchangeable socket modules to support all Microchip devices and package options (sold separately)



Features (Continued)

- SQTPSM serialization for programming unique serial numbers while in PC Host mode.
- An alternate DOS command line interface is available for batch control
- Supports PROMATE II socket modules via adapter (sold separately)
- Large easy-to-read display
- Field upgradeable firmware allows quick new device support
- Secure Digital (SD) and Multimedia Card (MMC) external memory support
- Buzzer notification for noisy environments

Package Contents

- MPLAB PM3 programming unit
- Serial Cable for RS-232 PC connection
- USB cable for USB PC connection
- ICSP cable
- Power supply and power cables
- MPLAB Integrated Development Environment CD
- User's Guide and technical documentation on CD

Host System Requirements

- PC-compatible system with an Intel Pentium® class or higher processor, or equivalent
- Serial or USB port
- Microsoft Windows® 98 Second Edition, Windows ME, Windows 2000 or Windows XP



MICROCHIP

Development Systems

Microchip Technology Incorporated

Part Numbers and Ordering Information:

MPLAB PM3 Universal Microchip Device Programmer

Part Number	Description	Availability
DV007004	MPLAB PM3 Programmer Unit	Q1 2004
AC164301	40P DIP Socket Module	Q1 2004
AC164302	16L (.150")/28L (.300") SOIC	Q1 2004
AC164303	64L TQFP SOIC Socket	Q1 2004
AC164304	80L TQFP Socket	Q1 2004
AC164305	44L TQFP Socket	Q1 2004
AC164306	20L TSSOP Socket	Q1 2004
AC164307	28L SSOP Socket	Q1 2004
AC164308	68L PLCC Socket	Q1 2004
AC164309	44L PLCC Socket	Q1 2004
AC164310	84L PLCC Socket	Q1 2004
AC164311	44L MQFP SOIC Socket	Q1 2004
AC164312	16L (.208") SOIC Socket	Q1 2004
AC164313	64L PF (14x14) Socket	Q1 2004
AC164314	80L PF (14x14) Socket	Q1 2004
AC164350	PROMATE II to PM3 Socket Module Adapter	Q1 2004

Supported Devices: All PICmicro® MCU and dsPIC30F devices are supported.

Development Tools from Microchip

MPLAB® IDE	Integrated Development Environment (IDE)
MPASM™ Assembler	Universal PICmicro® Macro-Assembler
MPLINK™ Linker/MPLIB™ Librarian	Linker/Librarian
MPLAB SIM Simulator	Software Simulator
MPLAB C18	C Compiler for PIC18CXXX MCUs
MPLAB C30	C Compiler for dsPIC30F MCUs
PICKit™ 1	Flash Starter Kit
MPLAB ICD 2	In-Circuit Debugger
MPLAB ICE 2000	Full-featured Modular In-Circuit Emulator for PIC12, PIC16 and PIC18 MCUs
MPLAB ICE 4000	Full-featured Modular In-Circuit Emulator for PIC18 and dsPIC MCUs
PICSTART® Plus Programmer	Entry-level Development Kit with Programmer
MPLAB PM3 Device Programmer	Full-featured, Modular Device Programmer
KEELOQ® Evaluation Kit	Encoder/Decoder Evaluator
microID™ Developer's Kit	125 kHz and 13.56 MHz RFID Development Tools

Americas	Asia/Pacific	Europe
Atlanta (770) 640-0034	Australia 61-2-9868-6733	Austria 43-7242-2244-399
Boston (978) 692-3848	China – Beijing 86-10-85282100	Denmark 45-4420-9895
Chicago (630) 285-0071	China – Chengdu 86-28-86766200	France 33-1-69-53-63-20
Dallas (972) 818-7423	China – Fuzhou 86-591-7503506	Germany 49-89-627-144-0
Detroit (248) 538-2250	China – Hong Kong SAR 852-2401-1200	Italy 39-0331-742611
Kokomo (765) 864-8360	China – Qingdao 86-532-5027355	Netherlands 31-416-690399
Los Angeles (949) 263-1888	China – Shanghai 86-21-6275-5700	United Kingdom 44-118-921-5869
Phoenix (480) 792-7966	China – Shenzhen 86-755-82901380	
San Jose (408) 436-7950	China – Shunde 86-765-8395507	As of 9/1/03
Toronto (905) 673-0699	India 91-80-2290061	
	Japan 81-45-471- 6166	
	Korea 82-2-554-7200	
	Singapore 65-6334-8870	
	Taiwan 886-2-2717-7175	
	Taiwan – Kaohsiung 886-7-536-4818	

Microchip Technology Inc. • 2355 W. Chandler Blvd. • Chandler, AZ 85224-6199 USA • (480) 792-7200 • FAX (480) 792-7277

The Microchip name and logo, the Microchip logo, dsPIC, 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, Application Maestro, dsPICDEM, dsPICDEM.net, ECAN, ECONOMONITOR, FanSense, FlexROM, fuzzyLAB, In-Circuit Serial Programming, ICSP, ICEPIC, microPort, Migratable Memory, MPASM, MPLIB, MPLINK, MPSIM, PICC, PICKit, PICDEM, PICDEM.net, PowerCal, PowerInfo, PowerMate, PowerTool, rLAB, 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. 10/03

DS51444A





**Стандарт
Электрон
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

Наши контакты:

Телефон: +7 812 627 14 35

Электронная почта: sales@st-electron.ru

Адрес: 198099, Санкт-Петербург,
Промышленная ул, дом № 19, литера Н,
помещение 100-Н Офис 331