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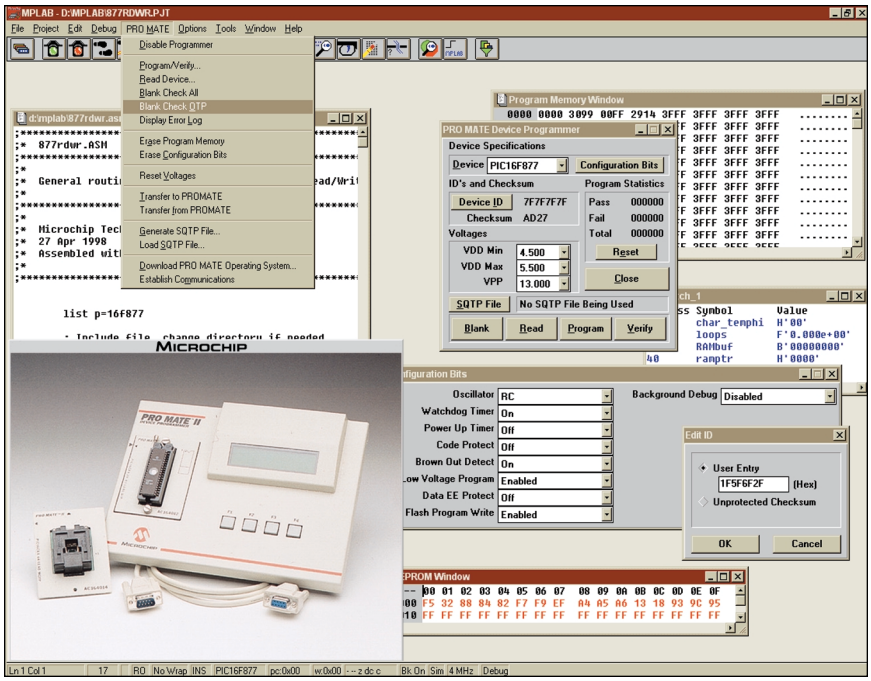
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PRO MATE® II

Universal Microchip Device Programmer



PRO MATE II makes programming easy.

The PRO MATE II device programmer tool allows development engineers to program user software into Microchip Technology's entire line of PICmicro® microcontrollers (MCU), HCS Security Products, and 2- and 3-wire serial EEPROM products.

The PRO MATE II device programmer is easy to use and operates either as a stand-alone unit or in conjunction with a PC-compatible host system. When connected to a host system, PRO MATE II provides an exceptionally user-friendly interface to give the developer complete control over the programming session. This time-saving tool comes complete with all the accessories needed to connect to a host system, including interface cables and a universal input power supply.

In addition to the programmer unit, the PRO MATE II system contains Microchip's highly-acclaimed MPLAB® Integrated Development Environment (IDE), with its built-in editor, assembler, and Windows® -based MPLAB-SIM simulator. The PRO MATE II programmer includes full documentation and software.

PRO MATE II is CE compliant, meaning it meets or exceeds all the directives for safety, emissions, electrostatic discharge (ESD) and susceptibility (to radiated emission) requirements set forth by the European Union (EU) countries.

The PRO MATE II device programmer is designed to be robust and reliable, with enhanced socket module alignment with four auto alignment pins, three levels of over-current protection and superior ESD immunity for rugged environments, a small and compact universal IEC power supply, and improved LCD display and buttons.

Features:

- Programs EPROM and/or EEPROM program and data memory for all Microchip PICmicro MCUs, HCS Security Products, and 2- and 3-wire serial EEPROM products
- Designed to operate with the PRO MATE II In-Circuit Serial Programming™ (ICSP™) Kit (sold separately)
- Three operating modes: Host Mode, Safe Mode, and Stand-Alone Mode
- Complete line of interchangeable socket modules supports all package options (sold separately)
- Universal platform can quickly and easily support future Microchip products
- SQTP℠ serialization adds a unique serial number to each device programmed (in PC host mode)
- MPLAB Project Manager support to automatically download object file to PRO MATE II
- MPASM Assembler translates assembler source code to object code for all PICmicro MCU devices
- MPLAB-SIM Windows-based simulator designed to model operation of all PICmicro MCUs
- Indexed on-line help
- Complete documentation including all User's Guides and Microchip's Technical Library CD-ROM
- Supports the serial programming mode in PICmicro MCUs
- Supports a DOS command line interface

MICROCHIP

The Embedded Control Solutions Company®

PRO MATE® II

Ordering Information:

Model Name:
PRO MATE II

Ordering Part Number:
DV007003

Devices Supported:
All PICmicro MCUs
HCS Security Products
Serial EEPROMs

Socket Modules and ICSP Kit are sold separately. For a complete list, please contact Microchip or refer to the *Development Systems Ordering Guide* (DS30177).

Host System Requirements:
PC with Pentium® processor or greater
Microsoft® Windows® operating system
COM Port

Customer Support:

Microchip maintains a worldwide network of distributors, representatives, local sales offices, Field Application Engineers, and Corporate Application Engineers. Microchip's Internet home page can be reached at: www.microchip.com

System Description:

Microchip's PRO MATE II makes it easy to program the company's entire line of RISC microcontrollers, HCS Security Products, and 2-and 3-wire serial EEPROMs operating either as a stand-alone unit or in conjunction with a PC-compatible host system. When connected to a host system, PRO MATE II provides an exceptionally user-friendly interface to give the developer complete control over the programming session.

The new PRO MATE II software provides many user interface features. These include a "safe mode," where accidental corruption of master code is prevented, and the ability to save and restore "environment" settings. The PRO MATE II system runs with Microchip's popular MPLAB IDE software.

To order or obtain more information about PRO MATE II or any other Microchip product, contact the Microchip sales office nearest you.

Development Tools from Microchip	
MPLAB® IDE	Integrated Development Environment
MPASM	Universal PICmicro macro-assembler
MPLINK/MPLIB	Linker/Librarian
MPLAB-C17	C compiler for PIC17CXXX MCUs
MPLAB-C18	C compiler for PIC18CXXX MCUs
C compilers	Sold by third-party vendors (HI-TECH, IAR, CCS)
MPLAB-SIM	Software Simulator
MPLAB-ICD	In-circuit Debugger
ICEPIC	Low-cost in-circuit emulator
MPLAB-ICE 2000	Full-featured modular in-circuit emulator
PICSTART® Plus	Entry-level development kit with programmer
PRO MATE® II	Full-featured, modular device programmer
KEELOQ® Evaluation Kit	Encoder/Decoder evaluator
KEELOQ Transponder Evaluation Kit	Transmitter/Transponder evaluator
microID™ Developer's Kit	125 kHz and 13.56 MHz RFID development tools
MCP2510 CAN Developer's KIt	MCP2510 CAN evaluation/development tool
MXDEV™ 1 Analog Evaluation System	Evaluation kit for MCP devices

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