Product Change Notification

The information below reflects a change that is being implemented.

Notice Date:	06/19/2002
Product Category:	Emulators
Notification Subject:	MPLAB v5.62 Released

Notification Body:
MPLAB IDE v5.62 is available on the Microchip web site and is now shipping with Development Systems on CD-ROM. Note that systems already in distribution will not be reworked, and users are advised to get the latest version by downloading at
http://www.microchip.com/1010/pline/tools/picmicro/devenv/mplabi/mplab5x/index.htm

MPLAB ICD 2 users are urged to upgrade because of significant performance improvements in this release. Additionally, PIC18Fxxx programming support is now provided with PRO MATE II and PICSTART Plus. Software support is added for the PIC16F72 MCU. Lastly, advance drivers for new MPLAB ICE 2000 processor modules are included and will be installed when MPLAB ICE 2000 is checked on the installation dialog.

Highlights of what's new in MPLAB v5.62

- Software and programmer support for new devices
PICSTART Plus and PRO MATE II now support PIC16F72, PIC18F242/252/442/452 and PIC18F248/258/448/458 devices. PICSTART Plus requires the new v3.00 firmware (named PSF30000.HEX located in the same directory as MPLAB.EXE) to support the new PIC18Fxxx parts. See the PICSTART Plus on-line help or the Microchip website for information on upgrading the firmware.

- Improved MPLAB ICD 2 performance
MPLAB ICD 2 communications drivers have been made increasingly robust. This results in better performance across various Windows operating systems and allows accurate detecting and reporting communications problems when they arise. This is especially important when the target has not been programmed in debug mode, is not running, or has connection problems. Error messages now help track down problems in those areas.

- Advance release MPLAB ICE 2000 drivers
MPLAB ICE 2000 drivers listed below are included in this release, but as non-certified drivers. They will be fully certified for v5.70.
PCM18XC1 (PIC18F242/252/442/452)
PCM18XD1 (PIC18F248/258/448/458)
PCM16XW0 (PIC16C781/7822)
PCM16XR1 (PIC16F870/8711)
PCM16XN1 (PIC16C770/771/717)
PCM16XS2 (PIC16F72)

See the README files for more information on changes to MPLAB's individual tool components.

Tools and Version Numbers Supplied

Development Version - SW Version - FW
Tool (Software DLL) (Operating System)

MPASM(tm) Assembler 3.10
MPLINK(tm) Object Linker 2.60
MPLIB(tm) Object Librarian 2.60
MPLAB(R) SIM Simulator 7.60
MPLAB(R) ICE 2000 In-Circuit Emulator 2.52
MPLAB(R) ICE 2000 In-Circuit Emulator
advance release drivers (listed above) 2.51.05
PICMASTER(R) Emulator 3.45
MPLAB(R) ICD In-Circuit Debugger 1.44 2.31
MPLAB(R) ICD 2 In-Circuit Debugger 1.02 1.02
PICSTART(R) Plus Development Prog 2.60 3.00
PRO MATE(R) II Device Programmer 5.70 5.70
PROCMD Command Line Programmer 1.60

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