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Microchip Simplifies C Compiler Line, Provides Best Execution Speed and Code Size for all PIC® MCUs and dsPIC® DSCs

MPLAB® XC Offers Three Compiler Options—One Each for 8, 16 and 32-bit; Improves Code Execution Speed by About 30% and Reduces Code Size by About 35%

CHANDLER, Ariz.--(BUSINESS WIRE)-- Microchip Technology Inc. (NASDAQ: MCHP), a leading provider of microcontroller, analog and Flash-IP solutions, today announced from DESIGN West in San Jose, Calif., [MPLAB® XC](#)—its simplified line of C compilers that provide the best execution speed and code size for all ~900 [PIC® microcontrollers](#) (MCUs) and dsPIC® Digital Signal Controllers (DSCs). The MPLAB XC8, XC16 and XC32 compilers offer reduced complexity for 8, 16 and 32-bit designers, with three cost-effective optimization levels—Free, Standard and Pro; the Pro editions can be evaluated for free for 60 days. Additionally, MPLAB XC provides support for the Linux, Mac OS® and Windows® operating systems, enabling designers to use their platform of choice for embedded development.

View a brief presentation on these new C compilers at:

<http://www.microchip.com/get/6FCS>

Another important consideration for today's designers is the ability to re-use their code and easily migrate to the level of microcontroller performance and features that best suits the needs of each project. These have always been strengths for Microchip, and MPLAB XC continues that tradition by making it easy to move code from any of Microchip's existing compilers. Additionally, MPLAB XC completes Microchip's tool chain of compatible compilers and debugger/programmers that operate seamlessly within the universal, cross-platform and open-source [MPLAB® X integrated development environment](#), reducing both learning curves and tool investments. MPLAB XC compilers are also compatible with the legacy MPLAB IDE.

"Simplicity, execution speed, code size, cost and cross-platform support are all vitally important to embedded designers, from academics and hobbyists to seasoned professionals working for global OEMs, who are all challenged to do more for less, and faster," said Derek Carlson, Microchip's vice president of Development Tools. "The new MPLAB XC compiler line meets all of these needs, while expanding the industry-leading levels of compatibility and easy migration that Microchip's customers have come to expect."

Many designers need a free C compiler. The 8, 16 and 32-bit Free editions of Microchip's MPLAB XC compilers offer many optimizations, are fully functional and have no license restrictions for commercial use. For those who want to test their code with the Pro optimization levels, which are approximately 50% better than the Free editions, Microchip also offers evaluation editions with Pro optimization levels that last for 60 days, after which

they convert to the Free compilers. Like the Free editions, the evaluation editions are fully functional and have no license restrictions for commercial usage.

To further support the diverse requirements of embedded developers, Microchip is now offering the ability to purchase both single-user licenses and the full suite of MPLAB XC compilers for all ~900 8, 16 and 32-bit PIC MCUs and dsPIC DSCs. Additionally, organizations with multiple engineers can purchase a floating network license, where the compiler is hosted on that company's Intranet for easy access by all of its designers.

Availability and Pricing

The MPLAB XC8 and MPLAB XC32 compilers are available today, the MPLAB XC16 compiler is expected to be available in April, and the discounted suite of all three compilers is expected to be available in May. Prices for this new XC line have been reduced up to 60%, and the Pro editions provide industry-leading value at \$995. To download the Free editions, or evaluate the paid options with increased code and speed optimizations, visit <http://www.microchip.com/get/E1C4>. For additional information, contact any Microchip sales representative or authorized worldwide distributor.

About Microchip Technology

Microchip Technology Inc. (NASDAQ: MCHP) is a leading provider of microcontroller, analog and Flash-IP solutions, providing low-risk product development, lower total system cost and faster time to market for thousands of diverse customer applications worldwide. Headquartered in Chandler, Arizona, Microchip offers outstanding technical support along with dependable delivery and quality. For more information, visit the Microchip website at <http://www.microchip.com/get/A6T9>.

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