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New Microchip Development Board Makes It Easy and Cost-Effective to Design With 16-bit Microcontrollers and DSCs

Microstick for dsPIC33F & PIC24H Provides Small Size and Integrated Programmer/Debugger for $24.99

CHANDLER, Ariz.--(BUSINESS WIRE)-- Microchip Technology Inc. (NASDAQ: MCHP), a leading provider of microcontroller, analog and Flash-IP solutions, today announced the Microstick for dsPIC33F and PIC24H development board, which provides a complete, low-cost solution for designing with Microchip's 16-bit PIC24H microcontrollers and dsPIC33F Digital Signal Controllers (DSCs), in a compact 20x76 mm footprint. At the low cost of $24.99, the Microstick offers an integrated USB programmer/debugger, which shortens learning curves. For maximum flexibility, the Microstick can be used stand-alone or plugged into a prototyping board. Additionally, educators are eligible for a 25% discount.

Watch a video about the Microstick at: http://www.microchip.com/get/K2Q6.

Many engineers, educators, students and hobbyists need a low-cost solution for working with and debugging code on 16-bit microcontrollers and DSCs. In addition to its other benefits, the Microstick is populated with a socketed microcontroller that can be easily swapped out. The Microstick works with the PIC24HJ64GP502, which is the highest performance 16-bit MCU in the industry, and the dsPIC33FJ64MC802 DSC, which seamlessly blends DSP and MCU resources into a single architecture. Software support includes the same free MPLAB(R) Integrated Development Environment (IDE) and software libraries that work with all of Microchip's 8/16/32-bit PIC(R) microcontrollers and DSCs. Additionally, the dsPIC33F DSCs are supported by the free demo version of Microchip's Device Blocksets for the MATLAB(R) language and Simulink(R) environment, which work seamlessly within the MPLAB IDE.

This combination of low-cost tools and free software provides an industry-leading platform for experimentation and development of smart-sensor and a host of other embedded-control applications.

"Microstick is great for anyone who needs a complete, low-cost development solution for working with the highest performing 16-bit microcontrollers available," said Derek Carlson, vice president of Microchip's Development Tools Group. "Our team worked with university professors to ensure that this board fits nicely into their curricula, but the benefits of this platform extend to a broad range of designers who want get started with embedded development."

Availability and Pricing

The Microstick for dsPIC33F and PIC24H (part #DM330013) is available today for $24.99 each at http://www.microchip.com/get/3PXP. The dsPIC33FJ64MC802 DSC and PIC24HJ64GP502 microcontroller are both included in the kit. Educators are eligible for a 25% discount. For additional information, contact any Microchip sales representative or authorized worldwide distributor, or visit Microchip's website at http://www.microchip.com/get/LBHK.

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/E0KR.

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