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Announcing Two New Low-Cost, Feature-Rich PIC32 Curiosity Development Boards from Microchip

Rapid Prototyping Boards for 32-bit Applications Include Peripherals, Easy-to-use Interface and Expansion Options

CHANDLER, Ariz., Nov. 2, 2016 /PRNewswire/ -- Microchip Technology Inc. (NASDAQ: MCHP), a leading provider of microcontroller, mixed-signal, analog and Flash-IP solutions, announces two new low-cost rapid prototyping boards for 32-bit applications. The [PIC32MX](#) and [PIC32MZ](#) Curiosity Boards include an integrated programmer debugger and are fully incorporated into Microchip's MPLAB® X Integrated Development Environment (IDE).



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The boards are designed for developing 32-bit applications and feature a wide range of peripherals, as well as user interface and expansion options including two mikroBUS™ click interface headers to support over 180 MikroElektronika click boards™. Both boards offer a rich feature set at an affordable price and are designed to be connected and used right out of the box. Customers can run example projects without writing any code.

The PIC32MZ EF Development Board features a 200 MHz PIC32 microcontroller (MCU) with an integrated Wi-Fi® module and is ideal for designing Internet of Things (IoT) and connectivity applications. The PIC32MX470 Development Board features a 120 MHz MCU and has been designed for audio, Bluetooth® and other related generic applications. In addition, both the boards have USB connectors that can be used to develop USB host or device applications.

The boards are fully integrated into Microchip's MPLAB X IDE as well as the award-winning software development framework, MPLAB® Harmony. MPLAB Harmony is a flexible, modular, abstracted and fully integrated firmware development platform for PIC32 MCUs. It gives users access to a wide variety of peripheral libraries, RTOS capabilities, middleware,

drivers and system services. In addition, it features over 200 pre-tested application project codes that can be used to jump start application development.

"The PIC32 Curiosity boards have been carefully designed with the right feature set, affordable price and expansion options to provide a good balance between ease of use and rapid application development," said Rich Hoefle, director of marketing for Microchip's MCU32 division. "Customers can download and run an example project in minutes without downloading MPLAB Harmony or writing a single line of code. Then, by using MPLAB Harmony and expansion options, customers can use the same board and ecosystem to prototype an application that can go to market. It's this array of options that makes these two boards so powerful."

For more information about the PIC32MX and PIC32MZ Curiosity Boards, visit www.microchip.com/PIC32MZ447 or www.microchip.com/PIC32MX8663

Pricing and Availability

The Curiosity PIC32MZ EF Development Board (DM320104) is available starting December 2016 for \$47.99. The Curiosity PIC32MX470 Development Board (DM320103) is available now for \$27.99.

For additional information, contact any Microchip sales representative or authorized worldwide distributor. To purchase products mentioned in this press release, go to microchipDIRECT or contact one of Microchip's authorized distribution partners.

Resources

High-res Images Available Through Flickr or Editorial Contact (feel free to publish):

- PIC32MZ Board Photo: www.flickr.com/photos/microchiptechnology/30458187945/sizes/l
- PIC32MX Board Photo: www.flickr.com/photos/microchiptechnology/30421476856/sizes/l

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About Microchip Technology

Microchip Technology Inc. (NASDAQ: MCHP) is a leading provider of microcontroller, mixed-signal, 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 www.microchip.com.

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Tags / Keywords: PIC32 , Curiosity 32 bit boards, 32 bit discovery boards, IOT discovery boards, PIC32MZ discovery boards, Security development boards, Crypto enabled discovery boards, WIFI Boards, Bluetooth development boards

Editorial Contact:

Sarah Broome

480-792-4386

Sarah.broome@microchip.com

Reader Inquiries:

1-888-624-7435

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