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Microchip's Remote Control Demo Board Integrates Graphics, Touch Sensing, USB and Wireless Connectivity

Demo Provides Complete Solution Including Hardware and Software; Enables Faster Design of Applications with Graphical Displays

CHANDLER, Ariz.--(BUSINESS WIRE)-- Microchip Technology Inc. (NASDAQ: MCHP), a leading provider of microcontroller, analog and Flash-IP solutions, today announced the availability of its **Remote Control Demo Board**, which integrates **graphics**, **touch sensing**, **USB**, and **wireless** communications (ZigBee® RF4CE). The board demonstrates a remote control populated with a PIC24FJ256DA210 MCU, 3.5" graphical TFT LCD display with resistive touch screen, capacitive touch keys with plastic overlay, **MRF24J40** 2.4 GHz transceiver and **ZENA™** wireless adapter.

Many consumer products now feature colorful graphical displays and touch capability. And, RF-based remote controls are becoming more prevalent, as they provide bi-directional communication and work through walls (no line-of-sight communication is required). Microchip's remote-control demo is in the form factor of a wireless remote control, but it can also be used as a reference design to build any type of application that requires a graphical display, touch sensing, USB and/or wireless capability. The demo is supported by free source code that customers can use to customize for various graphical screens or touch-button scenarios. The MRF24J40 transceiver can be used with the 2.4 GHz RF4CE, ZigBee® or **MiWi™** protocols, depending upon the wireless needs of the end application. The demo showcases how a vivid color display application can use a low-cost PIC24 MCU with integrated graphics driver, utilizing only the on-chip RAM to eliminate the cost of external memory.

"The Remote Control Demo Board was developed to help customers get to market quickly with Microchip's graphics, **mTouch™** sensing, USB and wireless solutions," said Mitch Obolsky, vice president of Microchip's MCU16 Division. "The demo comes populated with our low-cost graphics microcontroller and wireless transceiver to enable a cost-effective system solution."

Packaging, Pricing & Availability

The **Remote Control Demo Board** with ZENA wireless adapter (part # DM240315-2) can be purchased today, for $249.99. For further information, contact any Microchip sales representative or authorized worldwide distributor, or visit Microchip's Web site at **http://www.microchip.com/get/4MSM**. To purchase products mentioned in this press release, go to **microchipDIRECT** or contact one of Microchip's authorized distribution partners.

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, Ariz., Microchip offers outstanding technical support along with dependable delivery and quality. For more information, visit the **Microchip Web site** (**http://www.microchip.com/get/02H2**).

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Tags / Keywords: remote control demo board, remote control reference design, graphics, resistive touch

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