Microchip Expands Capacitive-Touch Control Portfolio with a Robust Turnkey Solution

CAP12XX Family Provides Smaller Form Factor, 5V Operation and Improved Proximity Performance for Consumer and Automotive Applications

CHANDLER, Ariz.--(BUSINESS WIRE)-- Microchip Technology Inc. **[NASDAQ: MCHP]**, a leading provider of microcontroller, mixed-signal, analog and Flash-IP solutions, today announced a new family of capacitive touch controllers—the **CAP12XX** Family. These turnkey capacitive touch controllers expand the CAP11XX RightTouch® product portfolio, providing a wide variety of slider, button and proximity functionality. Additionally, the CAP12XX controllers make it easy for designers to add aesthetically pleasing, low-cost touch interfaces. This new six-member family is comprised of the CAP1203, CAP1293, CAP1206, CAP1296, CAP1208 and CAP1298, available in 8- to 16-pin packages.

The CAP12XX family serves a wide range of applications in the consumer-electronic (e.g., tablets, printers, audio players, small appliances and televisions) and automotive markets (e.g., automotive interior controls, central stack and overhead lights), among others. The family provides designers with improved proximity performance and 3.3V to 5V operation. It is also a lower-cost option, when integrated LED drivers are not required.

"The CAP12XX family is a perfect complement to Microchip's mTouch™ firmware-based solutions," said Fanie Duvenhage, director of Microchip's Human-Machine Interface Division. "Microchip is a true one-stop shop for designers who need input sensing solutions, offering turnkey and firmware solutions for keys/proximity, sliders, touch pads, and touch screens, as well as 3D gesturing with our GestIC® Technology."

Development Support

In support of the new devices, Microchip also introduced the **CAP1298 Evaluation Board** (part # DM160223, $89.99) and **CAP1188 Evaluation Board** (part # DM160222, $89.99), which are both available for purchase today.

Pricing & Availability

All six members of the CAP12XX family are available today for sampling and volume production, starting at $0.37 each in 10,000-unit quantities. The CAP1203 and CAP1293 are available in 2x3 mm, 8-pin TDFN packages. The CAP1206 and CAP1296 are available in 3x3 mm, 10-pin DFN packages. The CAP1208 and CAP1298 are available in 3x3 mm, 16-pin QFN packages.

For additional information, contact any Microchip sales representative or authorized worldwide distributor, or visit Microchip's Web site at

http://www.microchip.com/get/MHCC. 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):

- Chip Graphic: **http://www.microchip.com/get/3CA5**

- Block Diagram: **http://www.microchip.com/get/BU5X**

- CAP1188 Evaluation Board: **http://www.microchip.com/get/T9TR**

- CAP1298 Evaluation Board: **http://www.microchip.com/get/3UWK**

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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 **http://www.microchip.com/get/9L9V**.

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Tags / Keywords: RighTouch, mTouch, Capacitive Touch, Low Cost, Proximity, Single Chip

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Source: Microchip Technology Inc.