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Microchip Introduces World's First Development Platform With 2D Multi-Touch and 3D Gestures

PC Peripheral and Gesture Development Platform for Applications and Drivers

CHANDLER, Ariz.--(BUSINESS WIRE)-- Microchip Technology Inc. (NASDAQ: MCHP), a leading provider of microcontroller, mixed-signal, analog and Flash-IP solutions, today announced the expansion of its Human Interface Input Sensing Solutions portfolio with the introduction of the **3DTouchPad**, a PC peripheral and world's first Development Platform for 2D multi-touch and 3D gestures.

Watch a short video: **http://www.microchip.com/get/5NB2**

The 3DTouchPad reinvents input sensing by adding free space gesture recognition to projected-capacitive multi-touch as a compelling development platform and reference design. The 3DTouchPad is the first development platform that combines 2D multi-touch and 3D air gesture input focused on the PC/peripheral market. The 3DTouchPad provides robust and innovative 3D gesture recognition utilizing Microchip's GestIC® technology that offers a detection range of up to 10 cm for 3D gestures, along with Microchip's highly responsive projected-capacitive 2D multi-touch solution supporting up to 10 touch points and multi-finger surface gestures. The 2D multi-touch is enhanced by Microchip's new capacitive touch-screen line driver, MTCH652, which was also announced today.

The new 3DTouchPad includes driverless, out-of-the-box features for Windows® 7/8.X and OS X®, 3D air gestures, advanced multi-touch performance including surface gestures, and a free downloadable GUI and SDK/API package tailored for developers. The possibilities for this technology also expand beyond the PC market and computer touch pads to include hands-free sanitary products, home automation, remote controls, game controllers, wearable devices and automotive applications.

"Microchip's 3DTouchPad provides an industry-first blend of 2D multi-touch and 3D air gesture recognition to promote innovative and intuitive designs in input sensing applications," said Fanie Duvenhage, director of Microchip's Human-Machine Interface Division. "This production ready development kit with free GUI and SDK provides Microchip customers with all the tools necessary to create innovative 2D and 3D input devices to enable advanced human-interface designs."

Pricing & Availability

The 3DTouchPad (part # DM160225, $99.00) is available to order today with free downloadable software under the Documentation & Software section at **http://www.microchip.com/get/RL1J**.

For additional information, contact any Microchip sales representative or authorized worldwide distributor, or visit Microchip's Web site at **http://www.microchip.com/get/RL1J**. To purchase products mentioned in this press release, go to **microchipDIRECT** or contact one of Microchip's authorized distribution partners.

Resources

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

- DM160225 3DTouchPad: **http://www.microchip.com/get/W2E6**

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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/GUUW**.

Tags / Keywords: **Touchpads**, **GestIC**, **Human Interface**, **High Voltage**, **Boost**, **Projected Capacitive**, **MTCH65X**, **MGC3130**, **3D Gestures**, **Gesture**, **Gesture Recognition**, **XY Touch**

Microchip Technology Inc.
Editorial Contact:
Terri Thorson, 480-792-4386
terri.thorson@microchip.com
Reader Inquiries:
1-888-624-7435
http://www.microchip.com/get/RL1J

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