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Microchip Partners With Silicon Integrated Systems (SiS) on Industry's First Combined Multi-Touch and 3D-Gesture Modules for Displays

SiS to Integrate Projected-Capacitive Touch Sensors With Microchip's Award-Winning GestIC® 3D Gesture Technology

CHANDLER, Ariz., Jan. 5, 2016 /PRNewswire/ -- Microchip Technology Inc. (NASDAQ: MCHP), a leading provider of microcontroller, mixed-signal, analog and Flash-IP solutions, today announced its partnership with Silicon Integrated Systems Corp. (SiS) to provide customers with complete projected-capacitive touch (PCAP) and 3D-gesture interface modules, which will lead to faster development and lower costs. The modules will make it easier to design multi-touch and 3D gesture displays with Microchip's award-winning [GestIC® technology](#), which offers a hand tracking range of up to 20 centimeters (cm) from the display surface. Hand gestures are universal, hygienic and easy to learn. In addition, they enhance safety by reducing the need for precise hand-eye coordination.



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To learn more about Microchip's GestIC technology products, visit <http://www.microchip.com/GestIC-010516a>.

Additionally, SiS modules with Microchip's GestIC technology will be demonstrated at Microchip's [Consumer Electronics Show](#) (CES) Booth MP25656 in Las Vegas, from January 6-9, 2016.

Microchip developed the GestIC technology so that it can be readily combined with multi-touch PCAP controllers. It is the lowest-cost 3D gesture technology available on the market. In addition, GestIC sensors are constructed with standard materials and production methods, such as indium tin oxide (ITO), metal mesh and conductive ink on glass or foil. These new modules from SiS are the world's first to integrate 2D PCAP and 3D gesture

technologies, providing a complete display solution. SiS has 30 years of experience and expertise in PC chipset products, eMMC, eMCP, and projected-capacitive touch solutions. Through this partnership with Microchip, SiS will act as an electronic developer and also provide sensor integration. The resulting modules will allow faster time to market for a broad range of designs, such as those in the automotive and consumer industries.

"We are excited to be partnering with SiS, in order to meet the growing demand for 3D control displays in the consumer, automotive, home-automation and IoT markets," said Dr. Roland Aubauer, director of Microchip's Human-Machine Interface Division. "Microchip is committed to furthering the innovation in human-interface technologies, and SiS's modules will ultimately allow our customers to integrate these two interface technologies into their applications faster. With this partnership, the next dimension of intuitive, gesture-based user interfaces is now available for a broad range of end products."

"SiS is honored to have the opportunity to partner with a world-class company such as Microchip," said Jonathan Shyi, president of SiS. "We are thrilled to have the ability to introduce the very first 2D/3D combination solution to the world. By partnering with Microchip, we foresee a huge increase in demand and market share for these new products. We are committed to continually introducing innovative, intuitive and creative technology to the world, and this partnership is a prime example."

SiS modules with Microchip's GestIC technology will be demonstrated at Microchip's [Consumer Electronics Show](#) (CES) Booth MP25656 in Las Vegas, NV January 6-9, 2016.

Resources

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

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About Silicon Integrated Systems Corp. (SiS)

Silicon Integrated Systems Corp., (SiS) is a worldwide leading IC design company. The company devotes efforts in cutting-edge SoC solutions to meet various applications for digital era. The products have been widely applied in touch and tablet devices, HDTV, internet TV, portable CE, personal computers and customized SoC design service. We expect to offer more user centric and greener innovation to fulfill the vision of digital life. Founded in 1987, SiS is headquartered in Taiwan and listed on Taiwan Stock Exchange under the code "2363". For more information, visit <http://www.sis.com/>

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/Homepage-010516a>.

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Tags / Keywords: Capacitive Touch, PCAP, GestIC, 3D Gestures, 3D Control, Touchpads, Touchscreens, Human Interface, SiS

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