



Silicon Labs to Showcase Smart Home, Smart Meter and Human Interface Innovations at IIC-China

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AUSTIN, Texas, Feb 01, 2010 (BUSINESS WIRE) -- To help drive the next breakthroughs in smart home, smart metering, human interface and AM/FM radio designs, [Silicon Laboratories Inc.](#) (NASDAQ: SLAB), a leader in high-performance, analog-intensive, mixed-signal ICs, will showcase its latest embedded mixed-signal and broadcast technologies at the International IC-China Conference & Exhibition (IIC-China, Booth 2C11) in Shenzhen, Mar. 4-5.

Silicon Labs will demonstrate a wide range of innovative embedded technologies and solutions through hands-on demonstrations of touch-sense and touchless human interfaces, embedded wireless connectivity, ultra-low-power microcontrollers and digital AM/FM radio technology. The company also will present a technical seminar, "Proximity Sensing Using Active Infrared Sensors," on Mar. 4 (2:30-3:20 p.m. in Room 314) and on Mar. 5 (2:30-3:20 p.m. in room 315).

"As market demand for products that make our homes smarter, more energy efficient and secure continues to surge, Silicon Labs is leveraging its wealth of patented mixed-signal technologies to help embedded developers innovate in these critical application areas," said Mark Thompson, vice president of Embedded Mixed-Signal products at Silicon Laboratories. "We offer an array of silicon and software solutions to help enable the next wave of smart home and smart metering innovations, and IIC-China is an ideal venue to showcase our technologies."

Try your hand at the following Silicon Labs product and technology demonstrations and easy-to-use design tools at Booth 2C11 at IIC-China:

- Test your skill in conserving precious fuel as you attempt a flawless lunar landing with a creative proximity sensing application demo based on Silicon Labs' [QuickSense\(TM\) Si1120 infrared sensors](#) and [C8051F800](#) touch-sense microcontrollers (MCUs). This hands-on demo uses two [IrSliderEK](#) touchless slider boards as the controls to the classic [1979 Atari Lunar Lander video arcade game](#).
- Get your human interface applications up and running quickly with Silicon Labs' developer-friendly [QuickSense Studio](#). This easy-to-use yet powerful development environment demonstrates how to create buttons, sliders and other HI elements to realize advanced touch-sense and touchless human interfaces.
- Experience the unlimited potential of Silicon Labs' [QuickSense](#) human interface solutions. We offer a wealth of easy-to-use hardware development tools and reference designs to support your next home automation, metering, security and consumer electronics application based on the industry's lowest power and most responsive proximity sensing and capacitive touch-sense solutions.
- Get up to speed with wireless M-Bus (EN 13757-4), a new standard for remote reading of water, gas and heat meters. Silicon Labs is showcasing a fully compliant wireless M-Bus stack with network traffic monitor that demonstrates low-power operation, maximum range and optimal frequency tolerance.
- Reduce your embedded system power requirements by using Silicon Labs' ultra-low-power [C8051F91x/0x microcontrollers](#), the industry's lowest power MCUs with sleep mode current as low as 10 nanoamps. See how fast and easy it is to develop your next embedded application with our [C8051F912DK](#) development kit, simple-to-use [ToolStick](#) kits, [battery estimator](#), selector guides and app notes.
- Develop an ultra-low-power transceiver application in hours instead of days with Silicon Labs' [RF-to-USB reference design](#). This sophisticated embedded wireless demo highlights a multi-node RF network using a single AAA alkaline battery, MCU-based transmitters and RF-to-USB receivers - ideal for a wide range of power-sensitive wireless applications for home automation, security and personal medical devices.
- Check out Silicon Labs' latest [wireless development suite](#) (WDS) software for our [EZRadioPRO](#)(R) wireless products. The new version of our WDS software integrates application examples that highlight the industry-leading performance and low-power

capabilities of EZRadioPRO for remote keyless entry (RKE), wireless home security and networking applications.

- Learn how to design an AM/FM radio quickly, easily and economically. This innovative demo based on Silicon Labs' latest [AM/FM receiver technology](#) will show you how to get to market quickly with an easy-to-manufacture, turnkey radio design.

To learn more about Silicon Labs' broadcast, ultra-low-power MCU, human interface, wireless products and technologies, visit (respectively) www.silabs.com/pr/broadcast, www.silabs.com/pr/lowpower, www.silabs.com/pr/quicksense and www.silabs.com/pr/wireless.

Silicon Laboratories Inc.

Silicon Laboratories is an industry leader in the innovation of high-performance, analog-intensive, mixed-signal ICs. Developed by a world-class engineering team with unsurpassed expertise in mixed-signal design, Silicon Labs' diverse portfolio of highly-integrated, easy-to-use products offers customers significant advantages in performance, size and power consumption. These patented solutions serve a broad set of markets and applications including consumer, communications, computing, industrial and automotive.

Headquartered in Austin, TX, Silicon Labs is a global enterprise with operations, sales and design activities worldwide. The company is committed to contributing to our customers' success by recruiting the highest quality talent to create industry-changing innovations. For more information about Silicon Labs, please visit www.silabs.com.

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