



SILICON LABS

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Silicon Laboratories Supports Open Standard for Wireless Control Applications

High Functional Density MCUs Provide Pathway to Implement ONE-NET™ Standard

AUSTIN, Texas--(BUSINESS WIRE)--Sept. 19, 2007--Silicon Laboratories Inc. (Nasdaq:SLAB), a leader in high-performance, analog-intensive, mixed-signal ICs, today announced its support for ONE-NET™, an open design standard for low-power wireless applications for residential and small business control. All of Silicon Laboratories' high-performance, mixed-signal microcontrollers (MCUs) now support this open standard for wireless control.

The ONE-NET wireless standard is specifically designed to cost effectively combine low power and a high level of security in a comprehensive design specification distributed royalty-free, accelerating the availability and use of wireless connectivity in a variety of applications. Silicon Labs' 8-bit mixed-signal MCUs integrate world-class analog with a high-speed pipelined 8051 CPU in each device and are ideally suited for low-power wireless applications. Combining high-precision analog peripherals, with a low-current consumption, high-throughput (up to 100 MIPS) 8051 CPU and up to 128 kB of on-chip Flash memory, these devices provide the optimal platform for a wide range of wireless automation, industrial, medical and residential monitoring and control applications. Low cost, easy-to-use development kits are available for all Silicon Labs MCUs to help speed system development.

"The ONE-NET community is pleased to have Silicon Labs support and welcome them to the ONE-NET open source community for wireless control," said James Martin, Director for the ONE-NET organization. "The Silicon Labs product portfolio of high-performance MCUs is excellent for ONE-NET-based designs, as it integrates cost-efficient 8-bit architecture with the high performance needed to support encoding and encryption functions that are integral to our protocol."

ONE-NET

ONE-NET is an independent, user-supported development community committed to open standards. Its ONE-NET standard for low-power wireless connectivity is optimized for residential and small business control applications; it is specifically designed to use very low power and provide very good security at a very low cost. Founding members of the ONE-NET design community; including Analog Devices, Integration Associates, Micrel Semiconductor, Renesas Technology, RF Monolithics, Semtech Corporation, and Threshold Corporation; have all committed to develop products and/or components to the ONE-NET standard. For more information about ONE-NET and the ONE-NET open design standard for low-power wireless, visit www.ONE-NET.info.

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.

Cautionary Language

This press release may contain forward-looking statements based on Silicon Laboratories' current expectations. These forward-looking statements involve risks and uncertainties. A number of important factors could cause actual results to differ materially from those in the forward-looking statements. For a discussion of factors that could impact Silicon Laboratories' financial results and cause actual results to differ materially from those in the forward-looking statements, please refer to Silicon Laboratories' filings with the SEC. Silicon Laboratories disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

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