April 2, 2007

ColdWatt Selects Silicon Laboratories' Small Form Factor MCUs

The C8051F30x Offers Superior Performance and Functional Density for High-Efficiency Power Conversion Platforms

AUSTIN, Texas--(BUSINESS WIRE)--April 2, 2007--Silicon Laboratories Inc. (Nasdaq:SLAB), a leader in high-performance, analog-intensive, mixed-signal ICs, and ColdWatt Inc., a manufacturer of high-efficiency power conversion products, today announced that ColdWatt has chosen Silicon Laboratories' C8051F30x Small Form Factor MCU. The functionally dense C8051F30x combines a fast 25 MIPS 8051 CPU, Flash memory and precision analog in a 3x3 mm quad flat no-lead package. ColdWatt selected the high-performance C8051F30x for its flexible, energy efficient, digital power conversion platforms.

Silicon Laboratories' highly integrated mixed-signal MCUs eliminate several external components such as crystal oscillators and comparators. The small size and fast CPU operation of the C8051F30x make it ideal for space-constrained, power-efficient, high-performance industrial, wireless and consumer applications. The C8051F30x helps ColdWatt's modular digital power conversion platforms deliver up to 91 percent power conversion efficiency with power levels ranging from 650-1200 W.

"Silicon Laboratories' MCUs offer a lot of functionality in a very small size to enable us to develop highly efficient power conversion platforms," said Allen Rozman, vice president of engineering at ColdWatt. "By implementing the easy-to-use C8051F30x, we were also able to speed our time to market."

Development with the C8051F30x is quick and easy due to low-cost professional development tools. In addition, the C8051F30x includes on-chip 2-wire (C2) debug circuitry that provides non-intrusive, full-speed in-circuit debugging of the production part before and after installation without an emulator. The pipelined 8051 instruction set also provides over ten times the throughput when compared with other solutions.

"The C8051F30x offers unprecedented levels of integration, performance and functionality," said Derrell Coker, vice president of Silicon Laboratories. "Our Small Form Factor MCUs are redefining the 8-bit market to offer industry-leading combinations of size, speed and high-performance peripherals."

About ColdWatt

ColdWatt's focus on innovative power conversion technologies delivers market-leading energy efficient and power density solutions for the computing, networking, storage and telecommunications markets. System design engineers rely on ColdWatt to answer the challenge for reliable power conversion solutions that minimize heat dissipation and reduce space requirements. Headquartered in Austin, Texas, ColdWatt has technology centers in Dallas and Bangalore, India. For more information, visit www.coldwatt.com.

About Silicon Laboratories Inc.

Silicon Laboratories Inc. is a leading designer of high-performance, analog-intensive, mixed-signal integrated circuits (ICs) for a broad range of applications. Silicon Laboratories' diverse portfolio of highly integrated, patented solutions is developed by a world-class engineering team with decades of cumulative expertise in cutting-edge mixed-signal design. The company has design, engineering, marketing, sales and applications offices throughout North America, Europe and Asia. For more information about Silicon Laboratories 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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