



## **Silicon Laboratories Announces the Highest Performance Small Form Factor MCU**

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NUREMBERG, Germany--(BUSINESS WIRE)--Feb. 12, 2007--Silicon Laboratories Inc. (Nasdaq:SLAB), a leader in high-performance, analog-intensive, mixed-signal ICs, today announced at Embedded World 2007 the first mixed-signal 8-bit MCU family to offer 100 MHz CPU operation in a 5x5 mm package. The C8051F360 Small Form Factor MCU family adds to Silicon Laboratories' portfolio of the most functionally dense small form factor MCUs, ideal for consumer and industrial electronics applications that require precision motion control and signal processing.

Silicon Laboratories' highly integrated C8051F360 offers customers increased functionality, providing a 2-cycle 16x16 MAC, a 2% internal oscillator and 32 kB of in-system programmable Flash memory. The C8051F360 has configurable I/O port pins and a variety of communications peripherals including crystal-less UART, SPI and SMBus. The functional density of the C8051F360 allows the engineer to work within space constraints while enhancing the performance of the end product. In addition, the C8051F360 integrates precision analog capability with a linear 10-bit 200 ksps SAR ADC and programmable DAC for measurement and control.

The C8051F360 is pin compatible with Silicon Laboratories' C8051F310 MCU family. This allows designers using these solutions to easily provide both upgraded and lower cost versions of their products without having to develop multiple hardware platforms.

The C8051F360 also has low-cost development tools that designers can begin using immediately to develop their end applications. The C8051F360DK is a full-featured development kit containing all the hardware and software required to develop an embedded system. Included with the development kit is the target board, an integrated development environment (IDE) that interfaces with the on-chip debug circuitry of the C8051F360 and an evaluation version of the Keil C51 toolchain. In addition, a ToolStickSK daughter card is available to provide a convenient, portable development tool in a USB stick format.

"Silicon Laboratories has built a leading portfolio of functionally dense, small form factor 8-bit MCUs," said Derrell Coker, vice president of Silicon Laboratories. "With the C8051F360 family, designers can use an 8-bit CPU in applications that traditionally use more expensive 16-bit MCUs and DSPs. The C8051F360 family is optimized for applications that require parameter sampling, information processing and communication functions within one embedded system."

### **Pricing and Availability**

The C8051F360 Small Form Factor MCU family is available now with pricing beginning at \$2.47 in quantities of 10K.

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](http://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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