Silicon Labs Expands FM Receiver Portfolio

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AUSTIN, Texas--(BUSINESS WIRE)--April 7, 2008--Silicon Laboratories Inc. (NASDAQ: SLAB), a leader in high-performance, analog-intensive, mixed-signal ICs, today announced the expansion of its successful broadcast audio portfolio to include four new FM receivers. The new additions include full-featured devices with embedded antenna support to enable FM radio reception without an external wired headset and the industry's smallest devices for space-constrained applications. Leveraging Silicon Labs' proven RF technology, the new FM receivers make it easy to add FM functionality to an array of applications from low-cost handsets and MP3 players, where small size and low power are imperative, to stand-alone FM radios, PCs, PDAs, smart phones and USB FM receivers.

The new Si4704 and Si4705 incorporate all of the world-class features found in Silicon Laboratories CMOS Si4700 FM tuner family and are the industry's first to support an embedded antenna. The patent-pending tunable resonance circuit incorporated on-chip provides optimal signal reception and excellent sound quality with a short embedded antenna, such as a wire or PCB trace that can be integrated inside the end product casing, enabling FM radio to be added to any portable device without the need for an external headphone cable. This enables a truly wireless music experience for FM recording, clock radios and FM over speaker applications where a headset is not required. It also complements products with integrated Bluetooth® technology by allowing consumers to listen to radio over wireless headsets without having to attach a headphone cable to their portable receiver.

In addition, the Si4705 provides a digital audio interface that allows easy recording of FM radio without the need for external analog-to-digital converters, saving power, cost and board space. Requiring only 15 mm2 of board space, Si4704/05 are layout-compatible with Silicon Labs' Si4710/11 /12/13 FM transmitter, Si4720/21 FM transceiver and Si4730/31 AM/FM receiver, enabling one common platform among multiple designs. Both devices provide coverage of the expanded worldwide FM frequency band from 64 to 108 MHz.

The new third-generation Si4708 and Si4709 FM receivers are the industry's smallest and highest performance FM receivers, reducing required system board space by 44 percent compared to competing solutions to simplify design, save cost and improve manufacturability. These new devices require only 8 mm2 of board space and are packaged in a 2.5- x 2.5-mm QFN package that is easy to assemble and forms robust solder joints without requiring any under fill or mechanical reinforcement. In addition to the small size, the Si4708 and Si4709 offer advanced FM seek algorithms, allowing consumers to more quickly seek and lock to available FM stations. The devices provide excellent selectivity using Silicon Labs' proven digital low-IF receiver architecture, allowing consumers to listen to more channels with less interference than competing solutions. The Si4709 is the smallest FM receiver in the industry to provide RDS functionality.

"Silicon Labs is the leader in single-chip AM and FM solutions and has shipped more than 100 million units of its proven, patented technology to customers worldwide," said Mark Thompson, general manager of broadcast audio products. "Reducing board space and continually improving the end-user experience are paramount concerns for our customers who rely on Silicon Labs' products to help them achieve these goals. With the addition of these four new devices, we further increase our value proposition in terms of size, performance, innovative new features and price."

A full reference board with complete schematics, layout files and a robust software development environment is available to customers to facilitate evaluation and design and dramatically reduce development time compared to competing solutions that require a maze of components, which drives many manufacturers to buy expensive FM modules. Samples of the Si4704, Si4705, Si4708 and Si4709 are available now. Please visit www.silabs.com/broadcast for more information.

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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