Silicon Laboratories Introduces the First Fully Integrated AM/FM Radio Receiver

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AUSTIN, Texas--(BUSINESS WIRE)--Jan. 22, 2007--Silicon Laboratories Inc. (Nasdaq: SLAB), a leader in high-performance, analog-intensive, mixed-signal ICs, today announced the extension of its broadcast audio product portfolio to include the Si473x AM/FM receiver family. The Si473x enables an AM/FM receiver to be easily added to consumer devices such as clock and portable radios, home stereos, MP3 players, docking stations and mobile handsets.

The Si473x is the first fully integrated AM/FM radio receiver from antenna input to audio output in a single monolithic IC. Conventional AM/FM radio implementations are large, expensive and difficult to manufacture, limiting the inclusion of AM radio functionality in many small, portable, high-volume applications. The single-chip Si473x requires only two external components in 0.15 cm(2) of board space compared to more than 50 components and 10 cm(2) of board space for conventional solutions.

By leveraging an innovative digital architecture, the Si473x significantly simplifies design and manufacturing. The Si473x is the only AM/FM receiver that does not need manual alignment, which can take up to several minutes per device. While traditional AM/FM solutions may require four stages of hand tuning, the Si473x supports a wide variety of antennas with an on-chip varactor and auto calibration to streamline manufacturing.

The Si473x seek performance and adjustability for both AM and FM is unmatched, resulting in reduced interference and improved reception. The excellent sensitivity and selectivity of the Si473x reliably identify many stations other AM/FM radios do not detect or incorrectly identify as valid. The market-leading audio quality of the Si473x offers adjustable soft mute and other audio enhancement features.

The Si4731 is also the only AM/FM receiver to include support for the European Radio Data System (RDS) and the U.S. Radio Broadcast Data System (RBDS). This feature enables data such as the station ID and song name to be displayed on the LCD of any device, creating a visual user experience similar to that of a portable media player.

"AM radio is popular for music, news, sports and talk formats, has a wide coverage area and a large installed base of stations worldwide," said Tyson Tuttle, vice president of Silicon Laboratories. "We have leveraged our market-leading CMOS RF and mixed-signal expertise to engineer an easy-to-design, cost-effective, high-performance solution, which will enable manufacturers to offer both AM and FM receivers in a variety of applications including mobile handsets and MP3 players."

Pricing and Availability

Samples of the Si4730 and Si4731 are available in a compact 3x3 mm 20-pin quad flat no-lead (QFN) package. Pricing for the Si4730 begins at $4.87 in quantities of 10K. Pricing for the Si4731, which supports RDS/RBDS, begins at $5.53 in quantities of 10K. An evaluation board is available for $150.

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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