Silicon Labs and Beceem Communications Partner on WiMAX VoIP Gateway Reference Design

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AUSTIN, Texas, Aug 16, 2010 (BUSINESS WIRE) -- Silicon Laboratories Inc. (NASDAQ: SLAB), a leader in high-performance, analog-intensive, mixed-signal ICs, today announced that it has partnered with Beceem Communications, a market-leading WiMAX solutions vendor, to deliver a voice over IP (VoIP) broadband gateway reference design for 4G-WiMAX service providers. The WiMAX VoIP gateway reference design is based on Beceem's recently introduced BCS5350 single-chip WiMAX customer premises equipment (CPE) solution. It also incorporates Silicon Labs' Si32176 ProSLIC(R) devices to provide the interface that enables the use of traditional home telephones for VoIP services over WiMAX.

"With its market-leading low power consumption and small footprint, Silicon Labs' Si32176 ProSLIC is the perfect complement to our high-performance, single-chip WiMAX CPE solution," said Aditya Agrawal, senior director of marketing at Beceem Communications. "The highly integrated reference design streamlines the development process, giving manufacturers greater flexibility and faster time to market in the increasingly competitive 4G marketplace."

The reference design uses Silicon Labs' Si32176 ProSLIC integrated SLIC/codec devices to add one or two telephone ports to a 4G-WiMAX broadband gateway. Beceem's highly integrated BCS5350 device implements the entire PHY, MAC and RF functionality of a mobile WiMAX terminal on a single chip. The broadband gateway solution enables WiMAX service providers to deliver broadband and fixed-line telephony service wirelessly to subscribers as an alternative to wired broadband services such as ADSL or VDSL over telephone wires, **data over cable service interface specification** (DOCSIS) over coaxial cable and passive optical networks (PON) using optical fiber.

"The market-leading semiconductor solutions from Beceem and Silicon Labs will enable WiMAX gateway vendors to deliver products with the high performance, low cost, low power consumption and small size that their customers demand," said Carlos Garcia, vice president of Silicon Labs' Wireline division. "We expect that our jointly developed VoIP reference design will be well received by the growing 4G-WiMAX market."

According to Infonetics Research, the WiMAX market is rebounding from the recession and showing positive signs of growth, with major rollouts underway in the US, Japan, Russia and India. "We forecast around 125 million WiMAX subscribers by 2014, with 20 to 25 percent of them using VoIP over their WiMAX connection," said Richard Webb, principle WiMAX analyst at Infonetics Research. "WiMAX operators will need a broad range of VoIP-enabled devices to serve this growing need."

About the Si3217x ProSLIC Family

The Si3217x ProSLIC family features the world's smallest single-chip foreign exchange station (FXS) solutions and the world's first two-chip FXS+FXO solution. These integrated SLIC/codec devices offer the industry's lowest power consumption. The single-channel Si3217x ProSLIC products implement a complete FXS telephony interface solution in a single package. The Si3217x ICs operate from a 3.3 V supply and connect to standard PCM/SPI digital interfaces. They are ideal for short and medium-loop applications including VoIP cable gateways, DSL gateways, fiber to the home (FTTH) optical network terminals and WiMAX voice terminals.

Beceem Communications

Beceem is the leading provider of 4G semiconductors and offers a number of single-chip solutions optimized for mobile devices and CPE markets. Beceem's products are WiMAX certified, exclusively power the CLEAR and SPRINT networks in the United States and are validated against the WiMAX base stations from all major OEMs.

For more information about Beceem, please visit **http://www.beceem.com**.

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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