Silicon Labs and SIGFOX Collaborate to Unleash the Potential of the Internet of Things

Mixed-Signal Innovator and Dedicated IoT Cellular Network Operator Pave the Way for Rapid Deployment of M2M and Ultra-Narrowband Connectivity

“The integration of SIGFOX’s breakthrough UNB technology further strengthens Silicon Labs’ position as a leading supplier of mixed-signal solutions for smart energy, connected home, and other monitoring and control applications for the Internet of Things.”

AUSTIN, Texas & TOULOUSE, France--(BUSINESS WIRE)--Silicon Labs (NASDAQ:SLAB), a leader in high-performance, analog-intensive, mixed-signal ICs, and SIGFOX, the first operator of a cellular network fully dedicated to machine-to-machine (M2M) and Internet of Things (IoT) communications, today announced a first-of-a-kind collaboration for the rapidly emerging IoT market.

The combination of Silicon Labs’ EZRadioPRO® wireless transceivers and SIGFOX’s unique Ultra-Narrowband (UNB) technology enables long-range wireless Internet connectivity solutions for a wide array of devices such as smart meters, patient monitors, security devices, street lights and environmental sensors. EZRadioPRO transceivers offer industry-leading wireless performance, extended range and ultra-low power consumption for wireless networking applications operating in the sub-GHz band.

The SIGFOX Network provides a unique and cost-effective solution for IoT and M2M services by employing a low-throughput RF communication technology that operates over an unlicensed wireless spectrum. The result is an extremely robust, power-efficient and scalable network that can communicate with millions of battery-operated devices in coverage areas of many square kilometers. Already deployed in tens of thousands of connected objects, the SIGFOX wireless networking solution enables Internet connectivity for devices that would have been otherwise difficult or impractical to reach until now.

“The collaboration between Silicon Labs and SIGFOX provides a solid wireless platform for M2M communication and cloud connectivity,” said Diwakar Vishakhadatta, vice president and general manager of Silicon Labs’ Embedded Systems business. “The integration of SIGFOX’s breakthrough UNB technology further strengthens Silicon Labs’ position as a leading supplier of mixed-signal solutions for smart energy, connected home, and other monitoring and control applications for the Internet of Things.”

“SIGFOX is working closely with enabling technology providers to deliver on the promise of the Internet of Things, and we are pleased to collaborate with Silicon Labs on this groundbreaking IoT solution,” said Ludovic Le Moan, SIGFOX Chief Executive Officer. “The global rollout of our unique network relies on the availability of world-class wireless ICs. We selected EZRadioPRO due to its industry-leading RF performance, low-power operation and unique ability to incorporate our UNB technology.”

About the SIGFOX Network

The SIGFOX network offers a green and out-of-the-box wireless connectivity for the widest range of objects to send and receive low throughput data packets. This cost-effective network already powers many innovative, reliable and easy-to-use solutions in the IoT market. The SIGFOX worldwide network is the first independent global M2M operator and the only operated connectivity solution to specifically address the IoT market needs. SIGFOX continues to advance the evolution of its internationally compatible technology through leadership roles in the IoT and ETSI standards committee.

About EZRadioPRO Wireless Solutions

The EZRadioPRO family features the industry’s highest performance, lowest power sub-GHz transceivers, transmitters and receivers designed to maximize range and battery life for power-sensitive wireless systems. Offering frequency coverage from 119 to 1050 MHz, the Si446x EZRadioPRO transceivers offer industry-leading RF performance resulting in extended wireless range and compliance with the industry’s most stringent narrowband regulatory standards. The EZRadioPRO transceivers’ exceptional power efficiency results in fewer battery replacements and/or reduced battery size.

About SIGFOX

SIGFOX is the first and only operator of a cellular network fully dedicated to low-throughput communication for connected

objects. Leveraging on its patented UNB technology SIGFOX brings a revolution to the M2M and Internet of Things world by enabling large-scale connection of objects. The network already connects tens of thousands of objects in France and international cities.

For more information, please visit http://www.sigfox.com and follow SIGFOX on Twitter at http://twitter.com/SIGFOX_Network.

About Silicon Labs

Silicon Labs 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 patented semiconductor solutions offers customers significant advantages in performance, size and power consumption. For more information about Silicon Labs, please visit www.silabs.com.

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This press release may contain forward-looking statements based on Silicon Labs' 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 Labs' financial results and cause actual results to differ materially from those in the forward-looking statements, please refer to Silicon Labs' filings with the SEC. Silicon Labs 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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