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Skyworks Secures Reference Design with Texas Instruments for Smart Energy, Industrial and Networking Applications

Commences Volume Shipments of Highly Integrated Front-end Solutions for Utility Metering, Street Lighting, Telematic and Tracking Systems

SAN DIEGO--(BUSINESS WIRE)--Jan. 29, 2013-- Skyworks Solutions, Inc. (NASDAQ: SWKS), an innovator of high performance analog semiconductors enabling a broad range of end markets, announced that it has secured a reference design with Texas Instruments Incorporated (TI) for smart energy, industrial and networking applications including electric/gas/water meters, street lighting, telematic and tracking systems. Skyworks' highly integrated, power efficient front-end solutions are in volume production and compatible with single-chip transceivers for wireless systems requiring high performance at low power and voltage.

"TI is delighted to be collaborating with Skyworks to develop a new reference design using TI's sub-1 GHz RF performance line transceiver and Skyworks' front-end solutions," said Terje Lassen, industrial business manager, Wireless Connectivity Solutions, TI. "With Skyworks, we have created a proven design for customers in a rapid development cycle and removed the guess work in producing high-performance RF designs for a variety of smart energy, industrial and networking applications."

"Skyworks is excited to partner with TI in creating a solution that leverages our newest family of front-end modules with their radio platforms," said David Stasey, general manager of analog solutions at Skyworks. "This collaboration is yet another example of how Skyworks continues to meet customer demand and address opportunities in diverse, high growth markets."

About Skyworks' Front-end Solutions

- SKY65313-21 is a high performance transmit/receive (T/R) front-end module (FEM). The device transmit chain features +30dBm output power and 40 percent power added efficiency (PAE), while the device receive chain contains a low noise amplifier (LNA) with a 1.4 dB noise figure (NF) and 16.6 dB gain. The cascaded NF and gain, taking into account the 0.5 dB insertion loss T/R antenna switch, are 1.9 dB and 16.1 dB respectively – making the FEM ideal for medium power microwave links such as 900 MHz ISM band applications. The 28-pin, 6 x 6 x 0.9 millimeter (mm) device, packaged in a multi-chip module, surface-mounted technology unit, also has a shut-down mode and LNA bypass mode to minimize power consumption – allowing for a highly manufacturable, low cost solution.
- SKY65364-11 is a high performance, T/R, 6 x 6 x 0.9 mm FEM that provides a complete T/R chain with T/R switches. The device transmit chain on the 28 pin FEM features +30.5 dBm output power and 40 percent power added efficiency. The device receive chain offers a LNA with a 1.7 dB NF and 16.0 dB gain. The cascaded NF and gain, taking into account the 0.5 dB insertion loss T/R antenna switch, are 2.2 dB and 15.5 dB, respectively, which makes it ideal for medium power microwave links such as 900 MHz ISM band applications. The module also has a shut-down, power amplifier and LNA bypass mode to minimize power consumption. It is housed in a surface-mounted technology (SMT) package, which allows for a highly manufacturable, low cost solution.
- SKY65366-11 is a high performance T/R FEM that provides a complete T/R chain with T/R switches. The device transmit chain features +30.2 dBm output power and a 40 percent PAE. The device receive chain features a LNA with a 1.5 dB NF and 22.2 dB gain. The cascaded NF and gain, taking into account the 0.3 dB insertion loss T/R antenna switch, are 1.8 dB and 21.0 dB, respectively. The 400 MHz module also has a shut-down, PA and LNA bypass mode to minimize power consumption. It is mounted in a 28 pin, 6 x 6 mm multi-chip module SMT package – allowing for a highly manufacturable, low cost solution.

About TI's CC1120 sub-1 GHz RF High Performance Transceiver

A member of TI's low-power RF performance line, the CC1120 is a fully integrated, single-chip RF transceiver designed for high performance at low power and voltage operation in cost effective wireless narrowband systems. The sub-1 GHz RF performance line can be more than 30 times closer to other RF systems and potential connection "interferers" than competitive offerings, allowing streamlined coexistence between various connected devices in one environment. With 65-dB adjacent channel rejection at 12.5-KHz offset and 90-dB blocking, TI delivers the industry's most reliable sub-1 GHz connections. With a 139-dB link budget, the products' range reaches well beyond 10 km and provides maximum indoor penetration. Advanced RF sniff mode also allows systems to listen for RF packets using very low power consumption, with less than 3mA in receive (Rx) sniff mode, while maintaining full RF performance.

About Skyworks

Skyworks Solutions, Inc. is an innovator of high performance analog semiconductors. Leveraging core technologies, Skyworks supports automotive, broadband, cellular infrastructure, energy management, GPS, industrial, medical, military, wireless networking, smartphone and tablet applications. The Company's portfolio includes amplifiers, attenuators, circulators, demodulators, detectors, diodes, directional couplers, front-end modules, hybrids, infrastructure RF subsystems, isolators, lighting and display solutions, mixers, modulators, optocouplers, optoisolators, phase shifters, PLLs/synthesizers/VCOs, power dividers/combiners, power management devices, receivers, switches and technical ceramics.

Headquartered in Woburn, Mass., Skyworks is worldwide with engineering, manufacturing, sales and service facilities throughout Asia, Europe and North America. For more information, please visit Skyworks' Web site at: www.skyworksinc.com.

Safe Harbor Statement

This news release includes "forward-looking statements" intended to qualify for the safe harbor from liability established by the Private Securities Litigation Reform Act of 1995. These forward-looking statements include without limitation information relating to future results and expectations of Skyworks (including without limitation certain projections and business trends). Forward-looking statements can often be identified by words such as "anticipates," "expects," "forecasts," "intends," "believes," "plans," "may," "will," or "continue," and similar expressions and variations or negatives of these words. All such statements are subject to certain risks, uncertainties and other important factors that could cause actual results to differ materially and adversely from those projected, and may affect our future operating results, financial position and cash flows.

These risks, uncertainties and other important factors include, but are not limited to: uncertainty regarding global economic and financial market conditions; the susceptibility of the semiconductor industry and the markets addressed by our, and our customers', products to economic downturns; the timing, rescheduling or cancellation of significant customer orders and our ability, as well as the ability of our customers, to manage inventory; losses or curtailments of purchases or payments from key customers, or the timing of customer inventory adjustments; the availability and pricing of third party semiconductor foundry, assembly and test capacity, raw materials and supplier components; changes in laws, regulations and/or policies, including the possibility of expiring tax cuts combined with mandatory reductions in federal spending, in the United States that could adversely affect either (i) the economy and our customers' demand for our products or (ii) the financial markets and our ability to raise capital; our ability to develop, manufacture and market innovative products in a highly price competitive and rapidly changing technological environment; economic, social and political conditions in the countries in which we, our customers or our suppliers operate, including security and health risks, possible disruptions in transportation networks and fluctuations in foreign currency exchange rates; fluctuations in our manufacturing yields due to our complex and specialized manufacturing processes; delays or disruptions in production due to equipment maintenance, repairs and/or upgrades; our reliance on several key customers for a large percentage of our sales; fluctuations in the manufacturing yields of our third party semiconductor foundries and other problems or delays in the fabrication, assembly, testing or delivery of our products; our ability to timely and accurately predict market requirements and evolving industry standards, and to identify opportunities in new markets; uncertainties of litigation, including potential disputes over intellectual property infringement and rights, as well as payments related to the licensing and/or sale of such rights; our ability to rapidly develop new products and avoid product obsolescence; our ability to retain, recruit and hire key executives, technical personnel and other employees in the positions and numbers, with the experience and capabilities, and at the compensation levels needed to implement our business and product plans; lengthy product development cycles that impact the timing of new product introductions; unfavorable changes in product mix; the quality of our products and any remediation costs; shorter than expected product life cycles; problems or delays that we may face in shifting our products to smaller geometry process technologies and in achieving higher levels of design integration; and our ability to continue to grow and maintain an intellectual property portfolio and obtain needed licenses from third parties, as well as other risks and uncertainties, including, but not limited to, those detailed from time to time in our filings with the Securities and Exchange Commission.

The forward-looking statements contained in this news release are made only as of the date hereof, and we undertake no obligation to update or revise the forward-looking statements, whether as a result of new information, future events or otherwise.

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