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Skyworks Enables World's First Commercial LTE Device

Powers Samsung's High Speed 4G USB Modem

WOBURN, Mass., Jul 12, 2010 (BUSINESS WIRE) --

Skyworks Solutions, Inc. (NASDAQ:SWKS), an innovator of high reliability analog and mixed signal semiconductors enabling a broad range of end markets, today announced that Samsung Electronics is leveraging one of its power amplifier (PA) modules for the GT-B3710 - a high speed fourth generation (4G) USB modem that is the world's first long-term evolution (LTE)-commercialized device. Small and efficient, the SKY77706 LTE PA module is designed for multiple handset and data card applications and allows consumers to enjoy the benefits of high-speed data services such as advanced Web TV broadcasting, online gaming and Web conferencing. Today's 4G systems offer a comprehensive solution where data and streamed multimedia can be given to users anytime, anywhere at higher data rates than previous generation networks.

"Skyworks and Samsung are pleased to develop LTE technologies for today's leading handset OEMs, infrastructure suppliers, and operators worldwide," said Dr. Gene A. Tkachenko, senior director of engineering at Skyworks. "With LTE network commitments increasing worldwide, Skyworks is once again at the forefront of enabling next-generation solutions to help boost network throughput, improve efficiency and performance, and simplify roaming to deliver the ultimate consumer experience regardless of the platform."

About Samsung's GT-B3710 LTE USB Modem

The GT-B3710 can be connected to laptop computers or other portable devices via universal-serial bus (USB). It incorporates Samsung's in-house developed LTE modem chip supporting the 2.6 gigahertz (GHz) band for LTE service. Samsung's LTE solution is fully compliant with the latest 3rd Generation Partnership Project (3GPP) LTE Release 8 (Rel-8) standard.

About Skyworks' LTE Product Portfolio

The [SKY77706](#) PAM is a fully matched, surface mount module developed for LTE/EUTRAN applications. This small and efficient module packs full coverage of LTE FDD Band VII into a single compact package. The device meets the stringent spectral linearity requirements of LTE modulation with QPSK/16QAM modulations from 1.4 megahertz (MHz) to 20 MHz bandwidth and full or partial resource block allocations with high power added efficiency (PAE).

The single gallium arsenide (GaAs) microwave monolithic integrated circuit (MMIC) contains all active circuitry in the module, including the PA, input, and interstage matching. The SKY77706 is manufactured using Skyworks' bipolar field effect transistor (BiFET) process which provides for all positive voltage direct current (DC) supply operation while maintaining high efficiency and good linearity.

Skyworks' family of LTE products provide the most complete and flexible set of options for manufacturers developing and building 4G-enabled handsets, basestations, wireless PC cards, and a host of other embedded solutions.

In addition to the SKY77706, Skyworks portfolio includes the industry's first multi-band multi-mode PA module supporting LTE FDD (Band VII) and TDD (Bands 38 and 40) for worldwide applications, including China (the [SKY77441](#)), the industry's first LTE front-end modules for Bands I, IV, VII and VIII (the [SKY77445](#), [SKY77455](#), [SKY77456](#) and [SKY77458](#)) for worldwide applications, and the industry's first power amplifier modules supporting LTE-FDD for North America (the [SKY77449](#) and [SKY77453](#)).

About Skyworks

Skyworks Solutions, Inc. is an innovator of high reliability analog and mixed signal semiconductors. Leveraging core technologies, Skyworks offers diverse standard and custom linear products supporting automotive, broadband, cellular infrastructure, energy management, industrial, medical, military and mobile handset applications. The Company's portfolio includes amplifiers, attenuators, detectors, diodes, directional couplers, front-end modules, hybrids, infrastructure RF subsystems, mixers/demodulators, phase shifters, PLLs/synthesizers/VCOs, power dividers/combiners, 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 wireless 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; changes in laws, regulations and/or policies in the United States that could adversely affect 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; the availability and pricing of third party semiconductor foundry, assembly and test capacity and raw materials; 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.

These forward-looking statements 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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