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## **Skyworks Expands Family of Antenna Switch Modules Supporting Smart Phones, Tablets and Datacards**

### **New Solutions Address Size, Cost and Performance Requirements for New Markets and Platforms**

BARCELONA, Spain, Feb 15, 2011 (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 introduced a new family of antenna switch modules (ASMs) for dual and triple-mode smart phones, tablets and datacards. These newest devices cover a wide range of applications from low-cost 3G handsets to HSPA+/LTE-enabled datacentric devices such as high-end smart phones, data dongles and tablets - - - all of which require design flexibility, high performance and cost-effective architectures. Skyworks' comprehensive RF switch products are based on both gallium arsenide (GaAs) and silicon-on-insulator (SOI) technologies and complement its world-class front-end and power amplifier module portfolio, allowing the company to capture additional dollar content per platform.

"Skyworks is excited to be augmenting our broad GaAs and silicon based RF front-end solutions portfolio with these new SOI devices that help address real market needs and enhance performance requirements," said Gregory L. Waters, executive vice president and general manager of front-end solutions at Skyworks. "Our ability to meet customers' needs on multiple fronts and with highly integrated architectures, demonstrates the breadth and depth of Skyworks' technology and capabilities in this demanding market."

### **About Skyworks' Newest Antenna Switch Modules**

The [SKY13402-466LF](#) is a GaAs pseudomorphic high electron mobility transistor (pHEMT) single-pole, ten-throw (SP10T) antenna switch with an integrated mobility industry processor interface (MIPI) decoder and dual low-pass harmonic filters. The switch has six transmit (Tx)/receive (Rx) ports that make it ideal for any combination of 2G/3G multimode cellular applications. Using advanced switching technologies, the device maintains low insertion loss and high isolation for both Tx and Rx switching paths. The switch also exhibits an excellent triple beat ratio and 2<sup>nd</sup>/3<sup>rd</sup> order modulation distortion performance.

The [SKY18108](#) is a single-pole, nine-throw (SP9T) antenna switch front-end module packaged in a compact 3.2 x 2.5 millimeter (mm), 20-pin multi-chip module (MCM). The low-cost switch has three high linearity ports suitable for transparent bridging (tri-band 3G/quad-band 2G or TD-SCDMA/2G multi-mode handsets and datacards). The device is based on SOI technology and includes Tx harmonic filters. It is designed for dual mode, high power switching applications that require low insertion loss. The ASM is also optimized for both GSM/EDGE/WCDMA and TD-SCDMA systems.

The [SKY18110](#) is a single-pole, eight-throw (SP8T) ASM packaged in a compact 3.2 x 3.2 mm, 20-pin MCM for use in multi mode, high power band switching applications that demand low-insertion loss. The ASM has six high linearity ports providing full flexibility for 2G GSM/EDGE, 3G and LTE handsets and datacards. It is based on SOI technology and includes Tx harmonic filters.

The [SKY18116](#) is a SP8T antenna ASM packaged in a compact 3.2 x 2.5 mm, 18-pin MCM designed for dual and tri mode, high power band switching applications that require low-insertion loss. The ASM has six high linearity ports providing full flexibility for 2G, 3G and LTE handsets and datacards. It is based on SOI technology and includes Tx harmonic filters and is optimized for GSM/EDGE, WCDMA and LTE systems.

The [SKY18118](#) is a SP10T switch FEM packaged in a compact 3.5 x 3.2 mm, 20-pin MCM. The FEM has five high linearity ports providing full flexibility for 2G, 3G and LTE handsets and datacards. It is based on SOI technology and includes Tx harmonic filters as well as 2G Rx surface acoustic wave (SAW) filters and is optimized for compact layout and highly integrated RF front end customer solutions.

### **Pricing and Availability**

Samples of Skyworks' new ASMs are currently available and will commence volume production in the second half of 2011. For pricing please contact [sales@skyworksinc.com](mailto:sales@skyworksinc.com).

### **Skyworks at Mobile World Congress**

Skyworks will be showcasing its product portfolio in Hall 8, Stand C132 at Mobile World Congress being held February 14-17.

## **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](http://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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