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## **Skyworks Supports Samsung's Newest Femtocell Offering**

### **Company's Solutions Being Leveraged in Personal Base Stations for Homes and Small Offices that Enhance Coverage**

WOBURN, Mass., Aug 11, 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 is leveraging several of its solutions for its newest femtocell offering, including Verizon's Wireless Network Extender. Samsung's latest offering, the new code division multiple access (CDMA) plug-and-play personal base station, or femtocell, for homes or small offices, provides customers with enhanced cellular coverage, helping to eliminate "dead spots". It also reduces the need for a landline given its ability to manage up to three calls simultaneously with a fourth channel reserved for emergency 911 calls.

Femtocell base stations improve 3G cell phone coverage inside buildings or homes by working with users' existing 3G mobile phones to provide secure, cellular service over existing broadband networks. Acting as a wireless router, the femtocell provides access to the cell phone carrier's network for multiple devices within a building. With some carrier networks straining to keep up with the demands of increasing numbers of users surfing the Web from their smart phones, femtocells are being viewed as a cost-efficient means to improve the quality of service by making more bandwidth available to support data and video applications.

According to a March 2010 iSuppli study, femtocells are "headed toward critical mass among all major nodes of the wireless supply chain and will vault into explosive growth after reaching a decisive watershed this year." In April 2010, Infonetics Research estimated that femtocell shipments would top 2.5 million units in 2011 and that sales of fixed mobile convergence devices and femtocells would grow at an 86 percent compound annual growth rate from 2009 to 2014.

"Skyworks is delighted to be supporting Samsung with our full suite of femtocell solutions," said Liam K. Griffin, senior vice president of sales and marketing at Skyworks. "Our highly integrated dual band transceiver chipset enables femtocell designers to develop cost-effective, high-performance RF-to-baseband solutions, meeting the growing demand for network capacity driven by the mobile Internet phenomenon."

#### **About Skyworks' Dual Band Transceiver Chipset**

The [SKY65170-11](#) and [SKY65171-11](#) are fully matched 0.5 watt (W) power amplifiers (PAs), both contained in 6 x 6 millimeter (mm) multi-chip modules (MCMs) that include all of the active bias and RF matching circuits. Both devices include internal power detection and operate from a single 5 volt (V) supply and can be shut down via a control pin. Designed specifically for femtocell applications, the devices provide ACPR <-51dBc at 18dBm while drawing less than 300mA.

The [SKY74068-21](#) is a highly integrated transmitter for dual-band CDMA femtocells supporting 1X-RTT and EV-DO modes in the cellular and personal communication system (PCS) bands. Packaged in a 5 x 5 mm land-grid array (LGA) is a chip that includes the baseband filter, direct upconversion in-phase and quadrature (I/Q) mixers, variable gain PA drivers, a fully integrated voltage-controlled oscillator (VCO) with local oscillator (LO) generation blocks, and a dual-mode fractional-N/integer-N phase-locked loop (PLL).

The [SKY74092-11](#) is a low-noise amplifier (LNA) for dual-band CDMA femtocells supporting 1X-RTT and EV-DO modes in the cellular and PCS bands. The 3 x 3 mm LGA device provides low noise amplification with high linearity to achieve high dynamic range. Different modes, currents and gain steps of low noise amplification are controlled by a serial three-wire bus interface.

The [SKY74100-21](#) is a highly integrated tri-band receiver for CDMA femtocells supporting 1X-RTT and EV-DO modes in the cellular and PCS. Packaged in a 6 x 6 mm LGA is a chip that includes the down-converters, baseband filters with an auto-tuning loop, ultra high frequency (UHF) VCO, RF PLL, and DC offset correction (DCOC). The chip also integrates a full receive chain for GPS including LNA, mixer and baseband filters.

These devices require a minimal number of external components to complete a CDMA radio subsystem for femtocell applications and are all commercially available today from Skyworks.

## 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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Skyworks Solutions, Inc.

**Media Relations:**

Amanda Ingalls

949-231-3045

or

**Investor Relations:**

Thomas Schiller

949-231-4700