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Skyworks Expands Portfolio of High Performance, Low Power LNAs

Sub 1.0 dB Noise Figure Amplifiers Supporting Cellular Infrastructure, Smart Energy, Public Safety Radio and other ISM Band Applications

MONTREAL--(BUSINESS WIRE)--Jun. 19, 2012-- Skyworks Solutions, Inc. (NASDAQ:SWKS), an innovator of high reliability analog semiconductors enabling a broad range of end markets, today unveiled two new series of high performance and low power LNAs for multiple industrial, scientific, medical (ISM) bands and next generation cellular infrastructure applications. Skyworks' newest low noise amplifiers enable enhanced wireless receiver sensitivity, wider dynamic range and a high level of design flexibility. With the addition of these latest devices, Skyworks now powers solutions with continuous coverage from 30 to 3000 MHz. Various customers are already leveraging Skyworks' devices for power line monitoring and security systems, government radio networks, in-building wireless devices and cell signal boosters.

"Skyworks' suite of solutions highlights our continued focus on broad market, low noise amplifier products for performance driven customer applications," said Liam K. Griffin, executive vice president and general manager of high performance analog at Skyworks. "Our products leverage Skyworks' strength in GaAs pHEMT design technology as well as our high volume, low-cost multi-chip module assembly capabilities - - - two key differentiators within our analog portfolio."

About Skyworks' New Discrete Low Power Low Noise Amplifiers

The [SKY67012-396 LF](#) (300 – 600 MHz), [SKY67013-396LF](#) (600 – 1500 MHz) and [SKY67014-396LF](#) (1500 – 3000 MHz) and [SKY67015-396 LF](#) (30 – 400 MHz) are ideal low noise amplifiers for battery powered receivers in a variety of applications including wireless metering and security, public safety radio, wireless microphones and Bluetooth® headsets. The supply voltage is adjustable over a wide 1.8 to 5V range and current draw is as low as 5 mA. The LNAs are manufactured in a miniature, 2 x 2 mm restriction of hazardous substances compliant, surface mount technology package.

About Skyworks' New Highly Integrated Low Noise Amplifiers

The [SKY67215-11](#) (400 – 700 MHz), [SKY67216-11](#) (500 – 1200 MHz), [SKY67221-11](#) (1600 – 2100 MHz) and [SKY67226-11](#) (2100 – 3000 MHz) are designed for next generation wireless infrastructure applications including femto and pico cell access points micro base stations, tower mounted amplifiers, remote radio units and in-building repeaters/cell signal boosters. These fully integrated LNAs are fully matched to 50 Ohms and require only a single, external component. The internal biasing and matching network eliminates the need for costly external components, customer tuning and greatly reduces required board space. These LNAs also greatly reduce customer design-in time and overall circuit complexity. The LNAs are manufactured in a compact, 4 x 4 mm multi-chip module based restriction of hazardous substances compliant, surface mount technology package.

Both new enhancement mode GaAs pHEMT based LNA families offer excellent return loss, very low noise figure (<1.0 db), high linearity, unconditional stability and high gain. These features enable highly efficient and cost effective signal amplification for enhanced receiver sensitivity and long battery life. In addition, all eight devices offer the designer the ability to externally adjust the supply current to optimize the amplifier linearity and power handling performance for the chosen application. For enhanced design flexibility, each LNA family utilizes a common footprint and circuit layout.

Pricing and Availability

Skyworks' new LNAs are currently available for both sampling and production use. For volume pricing, please contact sales@skyworksinc.com.

Skyworks at IEEE MTT-S 2012

Skyworks will be exhibiting its products in booth #1507 at MTT-S 2012, being held June 19-21 in Montreal.

About Skyworks

Skyworks Solutions, Inc. is an innovator of high reliability analog semiconductors. Leveraging core technologies, Skyworks offers high performance analog products supporting automotive, broadband, cellular infrastructure, energy management, industrial, medical, military, wireless networking, smartphone and tablet applications. The Company's portfolio includes

amplifiers, attenuators, circulators, detectors, diodes, directional couplers, front-end modules, hybrids, infrastructure RF subsystems, isolators, lighting and display solutions, mixers/demodulators, 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 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; 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 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; whether we are able to successfully integrate Advanced Analogic Technologies' operations; 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.

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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Photos/Multimedia Gallery Available: <http://www.businesswire.com/cgi-bin/mmg.cgi?eid=50313054&lang=en>

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