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Skyworks Introduces High Performance, Low Power LNAs for Diverse Markets

Provides Cost Competitive Solution for 1.5 to 3.0 GHz Wireless Applications

BALTIMORE, Jun 07, 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 the first in a series of ultra low current, general purpose low noise amplifiers (LNAs) for diverse wireless applications including satellite receiver set-top boxes, Bluetooth® headsets, medically prescribed hearing aids, advanced meter reading devices and 2.4 GHz wireless local area networks. These high performance LNAs deliver enhanced receiver sensitivity and wide dynamic ranges facilitating improved signal reception, increased design flexibility and reduced part counts.

"Skyworks is delighted to be expanding our product portfolio with solutions that deliver better performance and are cost competitive for a wide range of markets," said David Stasey, vice president of analog components at Skyworks. "In addition, our new low noise amplifiers enable Skyworks to enter new markets - driving intense diversification beyond our proven front-end solutions for mobile devices."

About Skyworks' New Low Noise Amplifiers

The miniature [SKY67014-396LF](#) is an advanced gallium arsenide pseudomorphic high electron mobility transistor (pHEMT) enhancement mode process LNA with an integrated active bias and on-die stability structures enabling simple external matching and stable performance over temperature. Skyworks' enhancement mode pHEMT process allows the device to offer excellent return loss (15 dB typical), stable gain (12 db), low noise (<1 dB) and high linearity (+18 dBm OIP3) while drawing <6 ma of bias current. The SKY67014-396LF offers the designer the ability to externally adjust the supply current to further optimize the amplifier linearity performance for the chosen application. The supply voltage is applied to the RF-OUT/VDD pin through an RF choke inductor and through the VBIAS pin through an external resistor. The supply voltage is adjustable over a range of 1.5 to 5V. The LNA is manufactured in a compact, 2 x 2 millimeter, 8-pin dual flat no-lead, restriction of hazardous substances compliant, surface mount technology package.

The device is the first in a series of high performance, low power LNAs targeting broadband wireless applications. Additional footprint compatible LNAs for the 100 - 700 MHz and 700 - 1500 MHz bands will be launched later this year.

Pricing and Availability

Skyworks' new low noise amplifiers are currently available. For volume pricing please contact sales@skyworksinc.com.

Skyworks at IEEE Microwave Theory and Techniques Society (MTT-S) International Microwave Symposium (IMS) 2011

Skyworks will be exhibiting its products in booth # 1428 at MTT-S 2011, being held June 7-9 in Baltimore.

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: whether we are able to satisfy the closing conditions and close our acquisition of SiGe Semiconductor and/or Advanced Analogic Technologies; whether we are able to successfully integrate SiGe Semiconductor's and/or Advanced Analogic Technologies' operations; 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; 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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