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Skyworks Launches Ultra-Compact, High-Performance Solutions for 3G Cellular Infrastructure Market; Mixer and VCO Synthesizers Achieve Maximum Functionality; Enable Carriers to Enhance Customer Satisfaction

LONG BEACH, Calif.--(BUSINESS WIRE)--June 15, 2005--IEEE MTT-S -- Skyworks Solutions, Inc. (NASDAQ:SWKS), a global leader in analog, mixed signal and digital semiconductors for mobile communications applications, today introduced several of the industry's smallest and most highly integrated products for next-generation base stations. This portfolio, which includes a dual mixer and voltage controlled oscillator (VCO) synthesizer for the infrastructure market, offers high levels of functionality, while reducing footprints by 50 percent when compared to current architectures. These solutions also build upon Skyworks' Linear Products strategy of developing analog/mixed signal designs that utilize the company's core capabilities and serve a broad array of markets.

The SKY73020 is a high-performance dual mixer that supports two channel diversity and combines an IF amplifier, switches and local oscillator (LO) drivers into a single device, accomplishing what was previously performed by nine discrete components. Skyworks' mixer also offers a unique combination of gain and IP3 -- two critical specification parameters for current generation base stations -- enabling exceptional dynamic range performance.

The SKY73100 is an 8mm x 10mm module that combines a fractional-N-synthesizer, high-performance VCO and output switch into a single, compact package. Current single component product offerings are constrained by their narrow band of operation, as base station manufacturers may require up to four devices to operate across the full frequency range. The Skyworks approach is more suitable for broadband deployments, and can meet industry requirements with merely one device. In addition, the VCO synthesizer provides superior phase noise performance leading to improved receiver sensitivity, an important specification for GSM-based deployments. Architectures that reduce component counts and board size are critical factors in enabling base station engineers to minimize cost and size without compromising performance -- key drivers in next-generation designs. Further, the performance benefits of both devices permit increased coverage of service areas and improved customer service.

"Skyworks continues to be a leader in providing innovative solutions to cellular and other broadband wireless infrastructure markets," said Sean Martin, Skyworks' senior director of marketing for Linear Products. "By offering superior performance with reduced form factors and high levels of integration, we are enabling our customers to maximize their cellular coverage areas and minimize dropped calls - another example of a true win-win relationship."

About the SKY73020

The SKY73020 is a fully integrated diversity mixer that includes LO drivers, an LO switch, high-linearity mixers, and large dynamic range IF amplifiers. Low-loss RF baluns have also been included to reduce design complications and lower system cost. The SKY73020 features an input IP3 of 26 dBm and a noise figure (NF) of 10 dB, making the device an ideal solution for high dynamic range systems, such as 2G/3G base station receivers. The LO switch provides more than 45 dB of isolation between LO inputs and supports the switching time required for GSM/EDGE base stations. It is manufactured using a robust silicon BiCMOS process and has been designed for optimum long-term reliability. The SKY73020 diversity down conversion mixer is provided in a compact, 36-pin multi-chip module.

The SKY73020 is designed for 700 - 1000 MHz frequencies, but Skyworks will also introduce the SKY73021, which is designed for 1.8 - 1.9 GHz frequencies.

About the SKY73100

The SKY73100 is a fully integrated, high-performance signal source for high dynamic range transceivers. This solution includes a 21-bit sigma-delta fractional-N synthesizer, high Q tank circuit, output switch, and an extremely low phase noise VCO. The device offers four separately selectable frequency bands from 750 MHz to 900 MHz. The integrated phase noise from 100 Hz to 100 kHz measures less than 1 degree RMS. In addition, the phase noises at 800 kHz and 1 MHz offset are 150 dBc/Hz and 153 dBc/Hz, respectively, making the SKY73100 an ideal solution for GSM/EDGE, and CDMA/WCDMA base station transceivers. For GSM/EDGE receivers, the SKY73100 also includes an on/off switch that provides more than 60 dB of RF isolation. The VCO/synthesizer is provided in a compact, 32-pin multi-chip module.

The SKY73100 is designed for 800 - 900 MHz frequencies, but Skyworks also offers the SKY73101, which is designed for 1.8 -

1.9 GHz frequencies.

Pricing and Availability

These products, along with other RF infrastructure components are immediately available for sampling. In quantities of 1,000, the SKY73020 and SKY73021 are priced at \$8.10 and the SKY73100 and SKY73101 are priced at \$8.95.

Skyworks at IEEE MTT-S

Skyworks will be showcasing its portfolio of products at Booth #1127 at the IEEE MTT-S International Microwave Symposium and Exhibit being held June 14-16, 2005, in Long Beach.

About Skyworks

Skyworks Solutions, Inc. is a global leader in analog, mixed signal and digital semiconductors for mobile communications applications. The company's power amplifiers, front-end modules, direct conversion transceivers and complete system solutions are at the heart of many of today's leading-edge multimedia handsets, cellular base stations and wireless networking platforms. Skyworks also offers a portfolio of highly innovative linear products, supporting a diverse set of automotive, broadband, industrial and medical customers.

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 the 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 information relating to future results of Skyworks (including certain projections and business trends). Forward-looking statements can often be identified by words such as "anticipates," "expects," "intends," "believes," "plans," "may," "will," "continue," similar expressions, and variations or negatives of these words. All such statements are subject to certain risks and uncertainties 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 and uncertainties include, but are not limited to: global economic and market conditions, such as the cyclical nature of the semiconductor industry and the markets addressed by the company's and its customers' products; demand for and market acceptance of new and existing products; the ability to develop, manufacture and market innovative products in a rapidly changing technological environment; the ability to compete with products and prices in an intensely competitive industry; product obsolescence; losses or curtailments of purchases from key customers or the timing of customer inventory adjustments; the timing of new product introductions; the availability and extent of utilization of raw materials, critical manufacturing equipment and manufacturing capacity; pricing pressures and other competitive factors; changes in product mix; fluctuations in manufacturing yields; the ability to continue to grow and maintain an intellectual property portfolio and obtain needed licenses from third parties; the ability to attract and retain qualified personnel; labor relations of the company, its customers and suppliers; economic, social and political conditions in the countries in which Skyworks, its customers or its suppliers operate, including security and health risks, possible disruptions in transportation networks and fluctuations in foreign currency exchange rates; and the uncertainties of litigation, as well as other risks and uncertainties, including but not limited to those detailed from time to time in the company's filings with the Securities and Exchange Commission.

These forward-looking statements are made only as of the date hereof, and the company undertakes 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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