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Skyworks Expands Family of Wireless Infrastructure Products With Industry's Highest Linearity Direct Conversion Quadrature Demodulator

New Single-Chip Zero IF Demodulator Cuts Size and Costs of Base Station Receivers, Ideal for Existing System Upgrades and Next-Generation Designs From 400 MHz to 3000 MHz

WOBURN, Mass.--(BUSINESS WIRE)--June 17, 2003-- Skyworks Solutions, Inc. (Nasdaq:SWKS), the industry's leading wireless semiconductor company focused on radio frequency (RF) and complete cellular system solutions for mobile communications applications, today announced a single-chip direct quadrature demodulator that significantly reduces the number of components required for building a wireless base station receiver. The demodulator is the industry's first direct conversion product to meet the demanding high linearity requirements of CDMA, WCDMA, GSM, TDMA, TETRA, 2.5G and 3G base stations.

"We're pleased to expand our wireless infrastructure family of linear power amplifier modules, receiver front-ends/down-converters, and dual fractional-N-frequency synthesizers with the addition of this high performance demodulator," said Greg Waters, Skyworks' vice president of Cellular Infrastructure and Wireless Data. "Utilizing Skyworks' industry-leading direct conversion technology we have eliminated a number of down conversion steps in order to allow our customers to speed time-to-market and ultimately save costs."

Technical Details

Skyworks' [SKY73009](#) single-chip demodulator utilizes direct conversion technology to replace all of the intermediate frequency (IF) signal conversion stages that were required with earlier superheterodyne techniques, along with costly discrete components associated with the extra signal-conversion steps. This high-performance, silicon bipolar complementary metal oxide semiconductor (BiCMOS), zero-IF design significantly reduces transceiver size, complexity and cost while supporting the stringent performance requirements of wireless infrastructure applications.

The [SKY73009's](#) high dynamic range, Second-Order Input Intercept Point (IIP2) of 60 dBm, and Third-Order IIP (IIP3) of 27 dBm make it ideal for use in direct conversion and low IF receivers requiring extremely high linearity. Key features include a wide RF and local oscillator (LO) frequency range of 400 MHz to 3000 MHz, integrated LO balun and buffer amplifier, integrated quadrature phase splitter, and single +3.0 volt power supply operation.

Pricing and Availability

The [SKY73009](#) direct quadrature demodulator is available now. It is packaged in a 32-pin leadless grid array (LGA), and priced at \$7.89 each in quantities of 10,000.

Note to editors: Technical documentation and photos are available upon request.

About Skyworks

Skyworks Solutions, Inc. is the industry's leading wireless semiconductor company focused on RF and complete cellular system solutions for mobile communications applications. The company began operations in June 2002, following the completion of the merger between Alpha Industries, Inc. and Conexant Systems, Inc.'s wireless communications business. Skyworks is focused on providing front-end modules, RF subsystems and cellular systems to wireless handset and infrastructure customers worldwide.

Skyworks is headquartered in Woburn, Mass., with executive offices in Irvine, Calif. The company has design, engineering, manufacturing, marketing, sales and service facilities throughout North America, Europe, Japan and Asia Pacific. For more information please visit 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 the company's 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 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 Securities and Exchange Commission filings.

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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