



March 23, 2010

## **Skyworks Launches Industry's Widest Frequency Range Integrated Synthesizers for 3G/4G Base Stations**

### **Solutions Enable Expanded Capacity to Support Increasing Mobile Data Traffic**

WOBURN, Mass., Mar 23, 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 introduced the industry's first suite of high performance broadband synthesizers spanning ultra wide frequency ranges from 375 MHz to 5.6 GHz. Skyworks' new device, which is designed to cover all GSM, WCDMA and LTE frequency bands with one device, supports the world's leading 3G and 4G base station providers including Ericsson, Huawei, ZTE, Alcatel/Lucent, and Nokia/Siemens. Leveraging state-of-the-art design techniques, Skyworks has been able to deliver very stringent requirements all on a single silicon die.

The SKY73134's performance allows radio designers to support increasing levels of voice and data traffic volumes, enables design flexibility across multiple applications, and is applicable for use in microwave-link and software-defined radios. With the addition of this new synthesizer, Skyworks continues to broaden its infrastructure and linear products portfolio. At a higher level, the company is capitalizing on mobile Internet applications - supporting both handsets as well as infrastructure networks.

According to Cisco, mobile data traffic volumes are projected to increase at a compounded annual growth rate of 131 percent from 2008 to 2013. As a result, mobile operators will need to begin to install new base stations, routers and backhaul network equipment starting now to avoid network traffic jams and to preserve their highly profitable data service revenue. Furthermore, upgrades and expansion to existing infrastructure will be needed - requiring increased analog and mixed signal content. The SKY73134 addresses these needs and does so with one common device for all platforms.

"Skyworks is pleased to be expanding its product portfolio with a solution offering the broadest frequency range available on the market today," said Wesley Boyd, director of marketing at Skyworks. "This breakthrough synthesizer enables customers to implement a one-chip solution for all frequencies versus more than ten different discrete solutions - significantly reducing board size requirements, cost, and streamlining customer supply logistics."

### **About the SKY73134**

The [SKY73134](#) is a wideband integer-N frequency synthesizer with an approximate 6 GHz locking range. This extremely small 5 x 5 millimeter (mm) device includes four differential VCOs which, by applying internal VCO frequency division, continuously cover the output frequency from 0.375 to 5.6 GHz.

The integrated phase noise from 100 Hz to 100 kHz measures less than 0.6 degree RMS at 960 MHz frequency. In addition, the phase noises at 100 kHz, 1 MHz and 3 MHz frequency offsets are -115 dBc/Hz, -143 dBc/Hz and 150 dBc/Hz respectively, making the SKY73134 an ideal solution for GSM/EDGE, CDMA/WCDMA and LTE base station transceivers.

The SKY73134 is controlled by a bi-directional read/write serial to parallel interface which allows flexible device configurations that may be locked with an external VCO or external PLL, or be used as a divider chain only. Furthermore, the device is a key building block for any radio system design including backhaul, military and satellite applications that require a combination of high performance, low power and multi-purpose features.

### **Pricing and Availability**

Volume production of the SKY73134 is scheduled to begin in April 2010. For pricing information, please contact [sales@skyworksinc.com](mailto:sales@skyworksinc.com).

### **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.

*Note to Editors: Skyworks and Skyworks Solutions are trademarks or registered trademarks of Skyworks Solutions, Inc. or its subsidiaries in the United States and in other countries. All other brands and names listed are trademarks of their respective companies.*

Photos/Multimedia Gallery Available: <http://www.businesswire.com/cgi-bin/mmg.cgi?eid=6223620&lang=en>

SOURCE: Skyworks Solutions, Inc.

**Skyworks Media Relations:**

Amanda Ingalls, 949-231-3045

or

**Skyworks Investor Relations:**

Thomas Schiller, 949-231-4700