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Skyworks Achieves Performance Breakthrough with New Line of Active Mixers; Broad Frequency Range Powers Infrastructure, Medical, Scientific and Industrial Applications

WOBURN, Mass.--(BUSINESS WIRE)--Sept. 20, 2006--Skyworks Solutions, Inc. (NASDAQ:SWKS), an industry leader in radio solutions and precision analog semiconductors, today unveiled the market's highest dynamic range active mixers for mobile radio systems targeted at infrastructure, medical, scientific and industrial applications. These new broad frequency range solutions, which are part of Skyworks' rapidly growing Linear Products' portfolio, have achieved unprecedented linearity performance via a higher level of RF integration which secondarily improves both form factor and cost through the elimination of a negative power supply and additional amplifiers.

"Skyworks' active mixers are the new benchmark for performance in the industry," said Sean Martin, senior director of marketing for Linear Products at Skyworks. "Our solution fundamentally disproves the notion that active mixers cannot achieve the same linearity as passive mixers, surpassing the functionality of any commercially available active mixer on the market today and enabling a broad range of new applications."

About the SKY42068 and SKY42070

The [SKY42068](#), a 400-1000 MHz active mixer focused on CDMA, EDGE, GSM, TETRA, WCDMA, WiMAX and WLL devices, and the [SKY42070](#), a 1700-2200 MHz active mixer aimed at DCS, PCS and UMTS communications, are integrated, high-dynamic range, low-noise receiver down converters. They include a double-balanced active mixer, local oscillator (LO) amplifiers, and dual LO inputs selected by an external switch interface. The LO switch function is managed using an externally controlled complementary metal oxide semiconductor (CMOS) compatible interface.

The devices may also be used in applications where frequency hopping is required - particularly in EDGE and GSM. Both devices offer exceptional input 3rd order intercept points (IIP3) and low single side band noise figure (NF). The SKY42068 provides an IIP3 of 36 dBm and a NF of 9.5 dB, and the SKY42070 features an IIP3 of 33 dBm with a NF of 9.0 dB. In addition, both devices offer gain which can potentially reduce the need for additional gain stages.

Both products are offered as lead (Pb) free, restriction of hazardous substances (RoHS) compliant packages.

Pricing and Availability

These products are immediately available for sampling and are priced at \$5.50 in quantities of 10,000. For more information, please contact sales@skyworksinc.com.

About Skyworks

Skyworks Solutions, Inc. is an industry leader in radio solutions and precision analog semiconductors servicing a diversified set of mobile communications applications. The company's power amplifiers, front end modules and direct conversion transceivers 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 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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