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Skyworks Delivers Highly Integrated Front-End Module for Broadcom's 54g(TM) Chip Set

Saves Board Space, Improves Data Throughput and Enhances Transmit Range for WLAN Applications; Leverages Company's Multi-Chip Module Capabilities

WOBURN, Mass., Jul 19, 2005 (BUSINESS WIRE) -- Skyworks Solutions, Inc. (NASDAQ:SWKS), a global leader in analog, mixed signal and digital semiconductors for mobile communications applications, today announced that Broadcom has selected its SKY65206, an integrated front-end module for 802.11 b/g wireless LAN applications, as a reference design for use in conjunction with their 54g™ chip set. This solution builds upon Skyworks' core analog technologies, integration expertise and multi-chip module packaging capabilities developed in the cellular handset market.

"By partnering with Skyworks, Broadcom will continue to deliver products that will greatly improve the Wi-Fi user experience," said Brian Bedrosian, senior product line manager for Broadcom's Home & Wireless Networking business unit.

"Skyworks' wireless LAN front-end module meets Broadcom's need for a complementary architecture that simplifies and accelerates customers' design cycles through the integration of key RF functionality in a compact package," said Sean Martin, Skyworks' senior director of marketing for Linear Products. "Broadcom's customers can now easily incorporate our product to meet their performance and design specifications."

The SKY65206 is an 8 mm x 7 mm single band 802.11 b/g front-end module that integrates a power amplifier with bias control, input/output filters, and a diversity antenna switch, decreasing the number of components and saving critical board space. Alternative discrete implementations may require up to 20 individual components. With its high linearity and high gain, the SKY65206 also improves data throughput and enhances the transmit range for any wireless product, thereby allowing users to remain connected at greater distances. Its directional power detection makes the module insensitive to antenna mismatches, enabling consistent transmission performance in a variety of operating environments.

According to Christopher Taylor, director of RF and Wireless Components for Strategy Analytics, an industry research firm: "Demand for front-end modules for Wi-Fi will grow significantly in the next few years, with estimates for 2007 approaching approximately 50 million units, up from 7 million units in 2004. Skyworks is well positioned to deliver this key technology given their success in pioneering front-end module technology for the handset."

All of Skyworks' wireless LAN front-end modules are offered in a laminate-based, plastic multi-chip module packaging, are screened at operating frequency prior to shipment for guaranteed performance, and comply with all FCC and IEEE 802.11 requirements.

The SKY65206 is ramping to volume production this quarter.

About Broadcom 54g™

54g™ is Broadcom's maximum performance implementation of the IEEE 802.11 standard, the new mainstream Wi-Fi technology for homes, businesses and public hot spots. Broadcom® 54g technology provides the industry's best combination of speed, reach and security, and is compatible with the 100 million-plus 802.11g and 802.11b devices installed to date. The technology can be found in the leading brands of wireless LAN products and notebook PC, including Acer, Apple, Belkin, Buffalo, Cisco/Linksys, Dell, eMachines, Gateway, HP/Compaq, Microsoft and Motorola.

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:

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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SOURCE: Skyworks Solutions, Inc.

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