

# Skyworks Launches Industry's Highest Performance WLAN/WiFi Power Amplifier for HD Video Streaming

# Expands Family of High Power Solutions Enabling Wireless Access to Multimedia and Streaming HD; Enhances Linear Product Portfolio

BOSTON--(BUSINESS WIRE)--Jun. 10, 2009-- 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 highest performance wireless local area network (WLAN) and WiFi power amplifier (PA) to meet demanding high-data rate applications such as wireless high definition (HD) video transmission.

The SKY65137, along with other solutions in this product family, serve as a media gateway, allowing wireless access to a vast array of multimedia content from any room and replacing unwieldy cables currently required in the home. Additional applications include high-performance video gaming, outdoor wide-range access points, and extended-range routers.

"Skyworks' new 5 GHz solution increases the range and data rates of existing conventional WiFi gateways and clients, making it ideal for streaming video wirelessly in the home," said Irene Song, director of marketing at Skyworks. "We are delighted to be at the forefront of powering a consolidated multimedia console that will allow consumers to wirelessly access their entire entertainment suite from any room."

Leveraging core technologies, Skyworks linear products portfolio offers diverse standard and custom solutions supporting automotive, broadband, cellular infrastructure, energy management, industrial, medical, military and mobile handset applications, to name just a few.

## **About the Video Entertainment Networking Industry**

Today's market is driving toward higher performance, higher data-rate wireless standards – particularly for video entertainment networking – which is driving the need for larger and faster data pipes. Channel bonding, which extends bandwidth by bonding two adjacent 20 MHz channels into a single channel, is one means of supporting this requirement. Of the two WiFi frequency bands used today, the 5 GHz band (802.11a/n) supports many more WiFi channels than the 2.4 GHz band (802.11b/g/n), making it more attractive to use for streaming video and other high data-rate applications. Besides 802.11a/n, additional 5 GHz standards such as wireless home digital interface (WHDI) are being used to enable HD video transfer wirelessly in the home.

#### The SKY65137 WLAN/WiFi Power Amplifier

<u>The SKY65137</u> is a microwave monolithic integrated circuit (MMIC) PA with superior output power, linearity and efficiency. The device is fabricated using Skyworks' high reliability indium gallium phosphide (InGaP) heterojunction bipolar transistor (HBT) technology.

The PA is also internally input-output matched in a 20-pin 6 x 6 millimeter (mm) multi-chip module (MCM) surface-mounted technology (SMT) package, which enables customer ease-of-use and faster time-to-market, allowing for a high-performance solution. In addition, the SKY65137 delivers 24 decibels (dBm) linear output power at less than 2.5 percent error vector magnitude (EVM). This high output power level enables higher data rates at extended ranges.

### **Pricing and Availability**

Samples are available today, with volume production scheduled to commence in the third quarter this year. For customized pricing, please contact sales@skyworksinc.com.

#### Skyworks at IEEE Microwave Theory and Techniques Society (MTT-S)

Skyworks will be exhibiting its products in booth #1818 at MTT-S 2009, being held June 7-12.

### **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: <a href="http://www.skyworksinc.com">http://www.skyworksinc.com</a>.

#### **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 and expectations of Skyworks (including certain projections and business trends). Forward-looking statements can often be identified by words such as "anticipates," "expects," "forecasts," "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: unprecedented 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.

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Photos/Multimedia Gallery Available: http://www.businesswire.com/cgi-bin/mmg.cgi?eid=5979664&lang=en

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