

## **Skyworks Achieves Breakthrough WCDMA Power Amplifier Module Performance; New Products Extend the Company's PA Module Leadership in Emerging 3G Handset Market**

WOBURN, Mass., Sep 15, 2003 (BUSINESS WIRE) -- Skyworks Solutions, Inc. (Nasdaq:SWKS), the industry's leading wireless semiconductor company focused on radio frequency (RF) and complete cellular system solutions, today announced a pair of wideband code division multiple access (WCDMA) power amplifier (PA) modules that enable breakthrough performance for third-generation (3G) handset applications. WCDMA is a 3G mobile wireless technology that allows users to send and receive voice, images and data at speeds of up to 2 Mbps.

Skyworks' new WCDMA PA modules include the [SKY77152](#), a high-efficiency, fully matched PA, and the revolutionary [SKY77404](#) Load Insensitive Power Amplifier (LIPA™) module, which delivers full RF performance even into an output load-mismatch of 4:1 voltage standing wave ratio (VSWR).

"As carriers finalize their 3G deployment strategies, Skyworks' new PA modules will give handset manufacturers the flexibility to use a single PA solution across a broader range of frequency bands," said Klaus Buehring, Skyworks' vice president of Power Amplifier products. "Additionally, our new LIPA modules can meet the stringent RF performance requirements of WCDMA transmission even under high load-mismatch conditions, a unique capability that enables phone designers to eliminate power-consuming isolator circuitry, which significantly reduces cost and board space while dramatically increasing talk time."

Skyworks' [SKY77152](#) is a fully matched 10-pin surface mount WCDMA PA module with the company's proven dual-stage bias control for optimum efficiency in high and low power modes. The [SKY77404](#) LIPA model is a 16-pin product that delivers full RF performance under severe load-mismatch. Like the [SKY77152](#), the [SKY77404](#) PA module features a low current control (Vcont) pin to maximize power efficiency in both high and low RF power ranges, and a separate bias control (V BIAS) pin that can be directly connected to the battery, allowing the battery supply voltages (VCC1 and VCC2) to be operated as low as 0.8V and enabling significantly extended talk times.

Further, the [SKY77404](#) supports handset manufacturers to use a single PA to span multiple frequency bands. The same product can be used in both the 1920 MHz-1980 MHz International Mobile Telephone Standard (IMT-2000) band and the 1850 MHz-1910 MHz Personal Communications Services (PCS) band. This product leverage will be especially advantageous for larger handset OEMs, ODMs and contract manufacturers targeting European, Asian and North American markets.

Both the [SKY77152](#), and the [SKY77404](#) PA modules are packaged in Skyworks' low-cost 4mm x 4mm x 1.5mm laminate-based Multichip Module (MCM) packages containing all active circuitry including onboard bias circuitry as well as input and output interstage matching. The devices are manufactured using Skyworks' industry-leading single-chip 50 GHz gallium arsenide (GaAs) heterojunction bipolar transistor (HBT) process technology with an indium gallium phosphide (InGaP) emitter, which provides for all positive-voltage DC supply operation while maintaining the highest power efficiency and excellent linearity.

Samples of the [SKY77152](#) and [SKY77404](#) are available now. The [SKY77152](#) is currently in production, and the [SKY77404](#) will begin shipping in mass production by the end of this year. Pricing is \$1.75 per unit for the [SKY77152](#) and \$2.25 per unit for the [SKY77404](#) in OEM volumes of 10,000.

Skyworks is the industry leader in PA module technology and has an extensive portfolio of solutions that encompass every major wireless standard. According to Gartner Dataquest's June 2003 report "Wireless Communications Semiconductor Competitive Market Shares for 2002," Skyworks held one-third of the worldwide PA module market in 2002.

Note to Editors: Photos and technical documents 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 is focused on providing front-end modules, RF subsystems and cellular systems to handset, WLAN and infrastructure customers.

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](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 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 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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