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## **Skyworks Launches New Family of Low Noise Amplifiers Featuring pHEMT and SiGe Technologies**

### **New Product Line Supports Ultra-High Performance Requirements for GPS, Infrastructure, ISM Band, Satellite Radio and WLAN Applications and Markets**

WOBURN, Mass., Apr 30, 2009 (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 a new suite of low noise amplifiers (LNAs) featuring pseudomorphic high electron mobility transistor (pHEMT) and silicon germanium (SiGe) technologies. The new high performing, low cost product family serves various industry applications including GPS; infrastructure such as GSM, WCDMA and LTE base station transceivers; ISM band and satellite radio; and WLAN markets. In addition, Skyworks is expanding into higher frequency, higher linearity, and even lower noise figures with the company's latest pHEMT7 technology and enhancement mode pHEMT devices.

"This is an exciting development for Skyworks, and opens up an entirely new product line and market," said David C. Stasey, Skyworks' vice president of analog components. "Skyworks has uniquely designed these discrete pHEMT devices to achieve ultra low noise that supports the high performance requirements for modern receiver designs. We are also utilizing SiGe technology to produce integrated LNA devices. These new devices address low cost and efficiency while providing the added functionality of silicon. With the addition of these new LNA devices, our GPS, infrastructure, ISM, satellite and WLAN customers are thrilled with our new offerings."

#### **About the SKY65050-372LF Low Noise Transistor**

[The SKY65050-372LF](#) low noise transistor, the first released product in this family, is a high performance, low noise, n-channel, depletion mode pHEMT, fabricated from Skyworks' advanced pHEMT process and packaged in a miniature 4-lead SC-70 package. The transistor's low noise figure, high gain, and excellent third order intercept (IP3) allows it to be used in various receiver and transmitter applications.

The transistor is lead (Pb)-free, restriction of hazardous substances (RoHS) compliant, conforms to the environmental impact assessment (EIA)/European information and communications technology industry association (EICTA)/Japan electronics and information technology industries association (JEITA) joint industry guide (JIG) Level A guidelines, and is free from antimony trioxide and brominated flame retardants.

This new product has been released with a full toolkit of application resources to assist in securing new sockets. In addition, the new device will allow for higher gain and linearity while still providing noise figure solutions below 0.7 decibels (dB).

#### **Pricing and Availability**

The SKY65050-372LF is available now and priced at 25 cents each in quantities of 10,000 devices. For more information, please contact us at [sales@skyworksinc.com](mailto:sales@skyworksinc.com) or visit Skyworks' Web site at [www.skyworksinc.com](http://www.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 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=5953006&lang=en>

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