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Skyworks Unveils Ultra-Small and High-Performance CMOS Front-End Module

Expands Company's Position as the Leading Supplier of CMOS Solutions for Handsets; Has Shipped Tens of Millions of Units to Date - More Than All Other Suppliers Combined

WOBURN, Mass., Jun 16, 2010 (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 announced the industry's most cost-effective complementary metal oxide semiconductor (CMOS) front-end module (FEM) for general packet radio service (GPRS) handsets. Skyworks' newest device, the SKY77555, offers handset OEMs industry-leading architectures and high-performance solutions for entry-level phones in an ultra-small 5 x 6 millimeter (mm) package. By eliminating the need to optimize matching between the amplifier and the switch, this module helps accelerate customers' time-to-market relative to other more traditional architectures, and simplifies the supply chain for high-volume, cost-sensitive phones.

With the addition of this new module, Skyworks continues to expand upon its leadership position in CMOS power amplifiers (PAs). To date, Skyworks has shipped tens of millions of CMOS-based PAs for mobile phones - far more than all other suppliers combined. In addition to meeting handset manufacturers' needs, Skyworks' CMOS portfolio supports existing product roadmaps in several of its adjacent linear products markets, such as low-power smart grid networks and wireless meter reading solutions.

"Skyworks' CMOS and GaAs front-end modules allow handset manufacturers to create ultra-small and low-cost GSM/GPRS solutions, as well as to select different price versus performance options from the same basic phone design," said Gregory L. Waters, Skyworks' executive vice president and general manager for front-end solutions. "Our technology-agnostic approach provides our customers with a unique advantage in meeting their platform, geographic and cost needs. Looking ahead, we will continue to leverage both silicon and GaAs technology across a variety of new products, ranging from entry-phone devices to industry-leading, low-cost smart phones and 3G/4G solutions."

About Skyworks' CMOS PAs and FEMs

The [SKY77555](#) is a transmit and receive FEM based on CMOS PAs for dual-band cellular handsets comprising GSM900 and DCS1800 operation. Designed in a low profile and compact form factor, the FEM offers a complete transmit voltage-controlled oscillator (VCO)-to-antenna and antenna-to receive surface-acoustic wave (SAW) filter solution. The device also supports Class 12 GPRS multi-slot operation.

The [AX502](#) and [AX508](#) devices integrate a full quad band GSM/GPRS PA function on a single integrated circuit (IC) using advanced 0.13 μ m CMOS process technology.

Patented technology in the AX502 is employed to integrate both input and output matching circuits, without the use of organic modules or costly ceramic substrates. It offers the handset designer an easy, zero-component interface to transceiver and transmit receive switch module. The device supports GPRS class 12 operation at a case temperature of up to +85°C. High accuracy power control and ramping is achieved on-chip via a closed loop power control system.

Key benefits of the AX508 include improved performance, equating to longer talk time. With the AX508, Skyworks offers a small footprint by housing the PA in an ultra-low profile micro lead frame package.

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.

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 without limitation information relating to future results and expectations of Skyworks (including without limitation certain projections and business trends). Forward-looking statements can often be identified by words such as "anticipates," "expects," "forecasts," "intends," "believes," "plans," "may," "will," or "continue," and similar expressions and variations or negatives of these words. All such statements are subject to certain risks, uncertainties and other important factors 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, uncertainties and other important factors include, but are not limited to: 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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