



# **Corporate Overview**

Fall 2009

# SKYWORKS

# **The Skyworks Promise**

At Skyworks, we are driven by one guiding principle: simplicity. Skyworks streamlines and solves the real-world challenges of our customers. Because we offer the complete range of advanced wireless communications technologies, we turn complication into clarity. When we create integrated systems that require less space and power, we turn encumbrance into efficiency. When we align all of our resources to meet our customers' specific needs, we turn anxiety into accountability. And when we provide a complete multimode radio solution that allows customers to focus on market demands rather than operational demands, we turn obstacles into opportunity.

At Skyworks, we turn complexity into breakthrough simplicity, and simplicity into your competitive advantage.









*Skyworks Solutions, Inc. (NASDAQ: SWKS)* An innovator of high-performance analog and mixedsignal semiconductors enabling mobile connectivity



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, Massachusetts, USA, Skyworks is worldwide with engineering, manufacturing, sales and service facilities throughout Asia, Europe and North America.

New products are continually being introduced at Skyworks. For the latest information, visit our Web site at **www.skyworksinc.com**. For additional information, please contact your local sales office or email us at **sales@skyworksinc.com**.

# The Skyworks Advantage

- Broad front-end module and precision analog product portfolio
- Market leadership in key product segments
- Solutions for all air interface standards, including CDMA2000, GSM / GPRS / EDGE, LTE, WCDMA, WLAN and WiMAX
- Engagements with a diverse set of top-tier customers
- Analog, RF and mixed-signal design capabilities
- Access to all key process technologies: GaAs HBT, PHEMT, BiCMOS, SiGe, CMOS and RF CMOS and silicon
- World-class manufacturing capabilities and scale
- Unparalleled level of customer service and technical support
- Commitment to technology innovation





# Leveraging Core Technologies

Skyworks deploys technology building blocks such as radio frequency integrated circuits (RFICs), and analog/mixed-signal processing cores across multiple product platforms. We believe that this approach creates economies of scale in research and development, and facilitates a reduction in the time-to-market for key products.

## **Increasing Integration Levels**

High levels of integration enhance the benefits of our products by reducing production costs through the use of fewer external components, reduced board space and improved system assembly yields. By combining all of the integral functionality, Skyworks can deliver additional semiconductor content, thereby offering existing and potential customers more compelling and cost-effective solutions.

# **Capturing Additional Semiconductor Content**

We enable our customers to start with individual components as necessary, and then migrate up the product integration ladder. We believe that our highly integrated solutions will enable these customers to improve their time-to-market while focusing their resources on product differentiation through a broader range of more sophisticated, next-generation features.

## Focusing on a Leadership Customer Base

Skyworks supports every top-tier wireless handset manufacturer, and we are diversifying our customer base as we introduce highly innovative linear products in support of medical, automotive, consumer and broadband applications. We believe that the efficiency learned from working with highly agile handset market leaders will prove to be a competitive advantage in these new markets.

## **Delivering Operational Excellence**

Skyworks' operations team leverages world-class manufacturing technologies and enables highly integrated solutions. Skyworks will vertically integrate where it can differentiate or will otherwise enter alliances and partnerships for leading-edge capabilities. These partnerships and alliances are designed to ensure product leadership and competitive advantage in the marketplace. We are focused on achieving the industry's shortest cycle times, highest yields and ultimately the lowest cost structure.

To execute our strategy, we have aligned our product portfolio around two markets: mobile platforms and linear products









# **Key Products**

#### **Cellular Front-End Modules and Amplifiers**



Skyworks is a market leader in delivering switching solutions and power amplifier modules in GaAs PHEMT and HBT. Through the integration of these devices we have created our complete line of Intera<sup>™</sup> front-end modules, which includes solutions for GSM, GPRS, EDGE and WCDMA, CDMA, and LTE.

#### Infrastructure RF Subsystems



Skyworks leverages integrated RF product and technology capabilities across strong base station channel relationships. This product line, focused on high-power, linear devices with excellent efficiency and reliability, includes a DCR<sup>™</sup> solution for base stations, as well as mixers, synthesizers and amplifiers.

Skyworks has hundreds of engineers and dedicated sales, marketing and technical support teams throughout Asia, Europe and North America

#### **Precision Analog Components**



Skyworks addresses a broad range of markets and applications, from industrial to medical, automotive, security and more, with a deep portfolio of low-noise, low-cost, power-efficient, linear RF components such as PLLs, timing and delay modules, network control functions, low noise amplifiers, RF / microwave diodes, switches, attenuators and VCOs.

#### Wireless Connectivity



Skyworks offers a variety of front-end modules, low noise amplifiers and switches for WLAN, WiMAX and ZigBee<sup>®</sup> applications. Our fully integrated WLAN frontend modules satisfy any 802.11a,b,g,n combination application. These high-linearity, high-performance, low-cost front-end modules enable the development of complete architectures with 20 to 40 fewer components, saving valuable space in PCMCIA, Mini PCI, USB and compact flash platforms.

# The Lowest Cost Supply Chain

In this current market environment, cost and time-to-market are critical. There exists a delicate balance: when manufacturers take on too much inventory, it's a liability that affects their profitability; but they also need the flexibility to capitalize on upside in demand without paying a premium.

Skyworks uses both internal and external sources to ensure sufficient supply and the lowest total cost. Whether we draw on our own operations for GaAs wafers and module packaging, or turn to our strategic partners for CMOS, RF silicon and standard packaging technologies, Skyworks provides customers with quantities they need, when they need them, and at the lowest possible cost. The result is a competitive edge for manufacturers in both time-to-market and margins.

# **World-Class Manufacturing Facilities**

Skyworks delivers more than 1 billion units per year as individual components, modules or fully integrated systems. We have state-of-the-art manufacturing facilities in:

• Woburn, Massachusetts: 158,000-square-foot facility used for the production of 4-inch GaAs wafers (MESFET/pHEMT), 4-inch silicon wafers for switches, control devices, amplifiers, and millimeter wave devices.

 Newbury Park, California: 220,000-square-foot facility used for the production of 4-inch GaAs wafers (AlGaAs and InGaP HBT) supporting our industry-leading front-end modules.

• Adamstown, Maryland: 130,000-square-foot facility used for the production of ferrite, dielectric, filter and coaxial resonator products; home of Trans-Tech (a wholly-owned subsidiary of Skyworks Solutions, Inc.), a vertically integrated industry leader in ceramic products.

• Mexicali, Mexico: 380,000-square-foot facility providing assembly, test and finishing services for a wide portfolio of semiconductor solutions including modules, chip-scale and FPBGA packages, as well as RF, analog and systems test.





We deliver more than one billion units per year—as individual components, modules or fully-integrated solutions







# A Worldwide Commitment to Total Customer Satisfaction

# **A Global Support Network**

At Skyworks, we realize the success of our customers depends upon the reliability of our products and the strength of our services. Our mission is to be a solid, reliable link in our customers' supply chains. We put service-minded salespeople near our customers' facilities and highly skilled engineering teams in their labs. We understand the needs of our customers. We share their enthusiasm for the future and work as partners to get products to consumers as quickly as possible.

# Skyworks Quality and Environmental Management Systems

In today's highly competitive marketplace, we recognize that perfect quality and environmentally friendly products are key differentiators. We integrate these principles across all business processes, from design and development to manufacturing and support operations. Employing the Six Sigma approach, we ensure a common methodology is used company-wide. Skyworks quality and environmental management systems are certified by DNV (Det Norske Veritas) to ISO 9001-2000, ISO/TS 16949:2002 and ISO 14001-2004, and we empower our employees to take problem-prevention measures and focus on continuous improvement in pursuit of total customer satisfaction. Through our Green Initiative, we are committed to manufacturing products that comply with global government directives and industry requirements.

# **A Culture That Breeds Success**

The Skyworks culture is designed to promote fast decision making, uninhibited sharing of best practices, and a sense of individual ownership, so we can create unparalleled products and respond quickly to customer needs. These values lead to business agility and customer centricity — essential ingredients for success. We are an equal opportunity employer supporting diversity in the workplace.

# We put service-minded sales teams near our customers' facilities and highly skilled engineering teams in their labs

#### Skyworks Solutions, Inc.

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