



Skyworks Validates Comprehensive Sky5™ Platform

Sep 25, 2018

Demonstrates Multi-Gigabit Data Throughput Over New 5G NR Bands; Launches Second 5G White Paper Addressing Key Next Steps for Initial Deployments

IRVINE, Calif.--(BUSINESS WIRE)--Sep. 25, 2018-- Skyworks Solutions, Inc. (NASDAQ: SWKS), an innovator of high performance analog semiconductors connecting people, places and things, today announced that new solutions from its leadership Sky5™ platform have been validated to enable the fast-approaching rollout of 5G. Skyworks has launched several products that deliver world-class performance in 5G New Radio (NR) Bands n77, n78 and n79 – frequencies that mobile operators plan to utilize to deploy next generation cellular services. These devices represent the latest additions to Skyworks' expanding portfolio of connectivity solutions specifically designed to operate across all 5G NR spectrums worldwide.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20180925005387/en/>



(Graphic: Business Wire)

Skyworks has successfully supported several live demonstrations with Sky5™, authenticating performance to the new 5G NR standards (3GPP Release 15). In particular, the Sky5™ suite exceeded

compliance for power, efficiency, error vector magnitude and spectral emission requirements – all of which can be further enhanced using wideband digital pre-distortion techniques.

“Skyworks is translating the promise of 5G into reality,” said Joel King, vice president and general manager of Mobile Solutions for Skyworks. “Our innovative Sky5™ platform is enabling up to a 100x increase in data transfer speeds versus 4G/LTE, near zero latency and expanded carrier capacity. Leveraging our systems expertise and operational scale, we are streamlining architectural complexities for both network infrastructure and user equipment to drive unprecedented mobile data experiences across a wide range of end market applications.”

According to the GSMA, 5G will primarily support enhanced mobile broadband in early deployments. Other usage cases for massive IoT and critical communications will follow as operators seek to address incremental opportunities, principally in key enterprise verticals. By 2025, the GSMA expects 5G connections to reach 1.1 billion and forecasts overall operator revenue to reach \$1.3 trillion.

Launches Second 5G White Paper

Skyworks' second 5G white paper “[5G New Radio Solutions: Revolutionary Applications Here Sooner Than You Think](#)” is now available. This white paper expands upon Skyworks' initial successful publication “[5G in Perspective: A Pragmatic Guide to What's Next](#)” and offers an in-depth exploration of 5G challenges and opportunities as well as practical connectivity solutions.

About Sky5™

Skyworks is leveraging its vast technology experience to uniquely meet system requirements for low, mid, high and ultra-high cellular frequency bands. All Sky5™ solutions support new 5G waveforms and spectrum in addition to enhanced carrier aggregation and 4G/5G dual connectivity while delivering exceptional levels of integration and performance. The highly flexible, customizable architectures deliver breakthrough performance, footprint and power efficiency with 100 MHz CP-OFDM modulation. Select standard Sky5™ products include:

- **SKY5™ -8250**- 5G NR Transmit/Receive Module with Integrated Wideband Filter
- **SKY5™ -3728**- 5G NR Diversity Receive Module with Integrated Filtering and Dual-path Low Noise Amplifiers (LNAs)
- **SKY5™ -5811**- LAA Receive Module with Integrated Bypass LNA
- **SKY5™ -9256**- 4 x SPST Shunt MIP1@ Antenna Tuning Switch

For more information about Sky5™, please contact Sky5@skyworksinc.com or visit www.skyworksinc.com/Sky5.

About Skyworks

Skyworks Solutions, Inc. is empowering the wireless networking revolution. Our highly innovative analog semiconductors are connecting people, places and things spanning a number of new and previously unimagined applications within the aerospace, automotive, broadband, cellular infrastructure, connected home, industrial, medical, military, smartphone, tablet and wearable markets.

Skyworks is a global company with engineering, marketing, operations, sales and support facilities located throughout Asia, Europe and North America and is a member of the S&P 500® and Nasdaq-100® market indices (NASDAQ: SWKS). For more information, please visit Skyworks' website at: www.skyworksinc.com.

Safe Harbor Statement

Any forward-looking statements contained in this press release are intended to qualify for the safe harbor from liability established by the Private Securities Litigation Reform Act of 1995. Forward-looking statements include without limitation information relating to future events, results and expectations of Skyworks. 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. Actual events and/or results may differ materially and adversely from such forward-looking statements as a result of certain risks and uncertainties including, but not limited to, our

ability to timely and accurately predict market requirements and evolving industry standards and to identify opportunities in new markets; our ability to develop, manufacture, and market innovative products and avoid product obsolescence; our ability to compete in the marketplace and achieve market acceptance of our products; the availability and pricing of third-party semiconductor foundry, assembly and test capacity, raw materials and supplier components; the quality of our products; and other risks and uncertainties identified in the "Risk Factors" section of Skyworks' most recent Annual Report on Form 10-K (and/or Quarterly Report on Form 10-Q) as filed with the Securities and Exchange Commission ("SEC"). Copies of Skyworks' SEC filings can be obtained, free of charge, on Skyworks' website (www.skyworksinc.com) or at the SEC's website (www.sec.gov). Any forward-looking statements contained in this press release 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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Source: Skyworks Solutions, Inc.

Skyworks Solutions, Inc.

Media Relations:

Pilar Barrigas
(949) 231-3061

or

Investor Relations:

Mitch Haws
(949) 231-3223