



Skyworks Accelerates Adoption of 5G Massive IoT Applications

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Cellular-based Solution Certified by Global Carriers Including KDDI, NTT Docomo, SoftBank and Verizon

LAS VEGAS--(BUSINESS WIRE)--Jan. 6, 2020-- Skyworks Solutions, Inc. (Nasdaq: SWKS), an innovator of high performance analog semiconductors connecting people, places and things, today announced that its family of connectivity modules are powering the rapidly emerging 5G Massive Internet of Things (Massive IoT) market. Specifically, Skyworks' turnkey engines provide the critical wireless functionality that is becoming essential for the billions of devices, objects and machines across an increasingly connected world.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20200106005443/en/>



IoT manufacturers are quickly embracing cellular connectivity given its ability to deliver a secure, real-time device-to-cloud connection needed for remote monitoring, control, or management. This low-power, wide area network (LPWAN) capability is ideal for widely adopted consumer products such as smartwatches, wearables and asset trackers, as well as industrial and infrastructure applications such as gas, water and electric metering, machine monitoring, factory automation, supply chain and logistics oversight.

"With the emergence of 5G, IoT devices utilizing Skyworks' carrier-certified solutions will go to market faster and be more cost-effective than implementing discrete architectures," said John O'Neill, vice president of marketing for Skyworks. "Skyworks has established itself as a leader in developing breakthrough 5G platforms for mobile and has now combined this expertise with market leading modem technology to provide extremely power-efficient and unmatched integration for IoT innovations globally."

According to a recent 5G Americas white paper, in parallel to the 5G rollout, cellular IoT (also known as Massive IoT) is becoming the technology of choice for wide area IoT applications. In a 2019 Mobility Report from Ericsson, cellular-connected IoT devices are predicted to grow from 1 billion units in 2018 to 4.1 billion units by 2024, representing a 27 percent compounded annual growth rate. As a subset, LTE-M/NB-IoT (Massive IoT) is expected to represent 45 percent of this

(Photo: Business Wire)

figure, or roughly two billion connections, up from less than 10 million in 2018.

About Skyworks' Massive IoT Portfolio

Skyworks' innovations expedite time-to-market by incorporating all the required functionality to deliver maximum performance and optimized power efficiency in the most compact package available. The flagship [SKY66430-11](#) is the world's smallest, fully certified all-in-one device and incorporates a multi-band, multi-chip system-in-package (SiP) enabling cellular LTE-M/NB-IoT (half-duplex FDD) architectures. By integrating Sequans' [Monarch SQN3330 chip](#), customers have an entire RF front-end (RFFE), transceiver, power management, memory and baseband modem for an LTE multiband radio operating in the 700 to 2200 MHz frequency range.

Skyworks' SiP has been certified by leading worldwide carriers including KDDI, NTT Docomo, SoftBank and Verizon. Early adopters of Skyworks' Massive IoT portfolio include:

- Pebblebee – "Utilizing Skyworks' proven connectivity modules in our latest trackers, we are able to fulfill our mission of helping people stay connected to their valuables and loved ones," said Daniel Daoura, co-founder and CEO.

- Daatrics – “We chose Skyworks’ platform because of its field-tested, always-on reliability that is delivered in an ultra-small form factor required for our infant wearable monitors,” said Andrey Khayrullaev, CEO and founder of Daatrics.
- GeoTraq – “Our modules enhance the capabilities of existing technology by driving innovation in our products. By leveraging Skyworks’ complete package, we can power many IoT use cases,” said Pierre Parent, General Manager and CTO.

Other products from Skyworks’ [Massive IoT portfolio](#) include the [SKY68020-11](#), [SKY68001-31](#), [SKY68001-41](#), [SKY68018-11](#) and [SKY77368-11](#) multiband RFFE modules supporting up to Power Class 3 (+23 dBm) half-duplex transceiver platforms. These solutions are designed for global 5G Massive IoT network deployments in low-band and mid-band frequencies in addition to providing 2G backward compatibility, either natively or through auxiliary ports. These 5G-ready devices work in tandem with all major LTE-M/NB-IoT modems and are currently available.

Skyworks at CES

Skyworks will be hosting customer meetings and demonstrating its SKY66430 at CES by appointment from January 7 - 10, 2020 at the Sands Expo. Contact sales@skyworksinc.com for additional information or to schedule a meeting.

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; delays in the standardization or commercial deployment of 5G technologies; the availability and pricing of third-party semiconductor foundry, assembly and test capacity, raw materials and supplier components; the quality of our products; our products’ ability to perform under stringent operating conditions; 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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