



Skyworks and Semtech Launch Ground-breaking LPWAN Reference Design for Industrial and Smart City Applications

Jan 10, 2023

SKY66423-SX1261 Reference Design and Evaluation Kit Available Now

IRVINE, Calif.--(BUSINESS WIRE)--Jan. 10, 2023-- Skyworks Solutions, Inc. (Nasdaq: SWKS) and Semtech Corporation (Nasdaq: SMTC) today introduced the SKY66423-SX1261 reference design for low-power wide-area networks (LPWAN). The SKY66423-SX1261 combines Semtech's LoRa® Connect™ SX1261 transceiver with Skyworks' [SKY66423](#) front-end module (FEM) for use in a variety of industrial and smart city applications.

The proliferation of wireless devices operating in the industrial, science and medical (ISM) bands contributes to noise interference and creates reliability challenges for long-range and power-sensitive applications. By increasing the transmit output power and reducing the receiver's system noise figure, the SKY66423-SX1261 addresses these challenges and provides an effective solution for industrial IoT deployments using LoRaWAN®.

The LoRaWAN specification is a Low Power, Wide Area (LPWA) networking protocol designed to wirelessly connect battery operated 'things' to the internet in regional, national or global networks, and targets key Internet of Things (IoT) requirements such as bi-directional communication, end-to-end security, mobility and localization services. LoRa Connect sub-GHz radio transceivers are ideal for long range wireless applications and are highly configurable to meet different applications' requirements utilizing the global LoRaWAN standard. The SKY66423-SX1261 meets the extended range and power efficiency needs of security, automation, industrial, smart city and connected home applications.

"Our long-standing collaboration with Skyworks allowed us to develop a proven reference design that is compliant with the LoRaWAN specification to meet the needs of smart home and smart city applications like security, automation and tracking," said Marc Pégulu, vice president and general manager for Semtech's Wireless and Sensing Products Group. "The SKY66423-SX1261 readily addresses the challenges of range coverage and power efficiency for industrial Internet of Things (IoT) and smart city applications through harnessing Semtech's LoRa devices for its robust, long range capabilities."

"This latest design uniquely leverages our collective technologies in support of next-generation LPWAN deployments," said Stefan Fulga, senior director of marketing for IoT and Emerging Markets at Skyworks. "Our strategic collaboration continues to produce innovative solutions that fuel our portfolio expansion across industrial IoT, smart city and smart home applications."

About Skyworks' LPWAN Solutions for IoT

Skyworks' high-efficiency front-end modules for LPWAN applications include the [SKY66420-11](#), [SKY66421-11](#) and [SKY66423-11](#). Please visit Skyworks' [Front-end Modules for IoT](#) for more information about the complete portfolio.

About Skyworks

Skyworks Solutions, Inc. is empowering the wireless networking revolution. Our highly innovative analog and mixed signal 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, defense, entertainment and gaming, industrial, medical, 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® (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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