



February 23, 2016

## **Skyworks and Sequans Deliver World's First Solution Optimized for LTE Category M Applications**

*Combines Skyworks' Industry Leading RF Front-end Module Capabilities with Sequans' Monarch Chip to Capitalize on Growing Demand for Embedded Cellular Connectivity*

BARCELONA, Spain--(BUSINESS WIRE)-- Skyworks Solutions, Inc. (NASDAQ: SWKS), an innovator of high performance analog semiconductors connecting people, places and things, and Sequans Communications S.A. (NYSE: SQNS), a 4G chipmaker and leading provider of LTE chips for wireless device manufacturers worldwide, announced they have delivered the world's first solution optimized for LTE Category M (Cat M) applications addressing the growing demand for embedded cellular connectivity across the Internet of Things (IoT). The device leverages Skyworks' half-duplex RF front-end module and Sequans' new Monarch LTE Cat M single chip to deliver a highly integrated, turn-key solution based on Release 13 of the 3GPP LTE standard. The Skyworks/Sequans platform, which is scalable to operator requirements worldwide, simplifies the design process, shortens OEM development time and significantly accelerates the launch of next generation LTE-based devices targeting low data rate, low power applications.

This Smart News Release features multimedia. View the full release here:

<http://www.businesswire.com/news/home/20160222005321/en/>

"Sequans is excited to be partnering with Skyworks to create a very highly integrated solution for LTE Cat M applications," said Craig Miller, vice president of marketing for Sequans. "Our complete end-to-end solution, which is expected to be the dominant deployment method for LTE Cat M devices, provides customers with a powerful, cost-effective product that delivers industry-leading size and power efficiency, as well as support for low and mid frequency bands."

"Skyworks' collaboration with Sequans combines the best-in-class capabilities of both companies," said Carlos Bori, vice president of marketing for Skyworks. "We have focused on developing a comprehensive transmit/receive solution for the new wave of devices spanning the Internet of Things that will operate ultra-efficiently across numerous frequency bands around the world. OEMs will find the device easy to design and integrate into their applications."

According to ABI Research, cellular/wide-area Internet of Things shipments will exceed one billion units over the next five years. In addition, the GSMA says cellular M2M connections could grow from around 300 million devices today to as many as two billion in 2020. Increasingly, IoT developers are choosing LTE for their connectivity as they realize that technologies like Cat M meet challenging cost and power efficiency needs while providing valuable longevity through a reliable, global connectivity standard like LTE.

### **About Skyworks' and Sequans' Solution**

Sequans' [Monarch LTE Cat M](#) single chip supports both Category M1 and M2 of the narrowband LTE user equipment categories defined in 3GPP Release 13. The Monarch chip integrates the baseband, RF transceiver, memory and power management functionality in a small 6.5 x 8 mm package, and is optimized for half-duplex FDD with intelligent on-chip RF filtering for global band support. When combined with Skyworks' [SKY68000-11](#) front-end module, an ultra-compact, fully integrated multi-band solution integrating all the active and passive RF front-end components, the solution provides one of the most highly optimized LTE platforms for IoT applications available today.

For a complete listing of solutions from Skyworks, please visit us at [www.skyworksinc.com](http://www.skyworksinc.com). For more information about Sequans product offering, please visit us at [www.sequans.com](http://www.sequans.com).

### **About LTE Category M**

The deployment of 3GPP Release 13 LTE networks and devices supporting Category M1 and M2 is expected to commence with trials in 2016 and commercialization in 2017. These low-cost/low-power narrowband connectivity solutions will enable low data rate applications and will find high usage in large scale deployments such as smart meters, sensors and monitors for the smart city, agriculture, industrial, the environment and the smart home, consumer and healthcare wearables, and ubiquitous asset tracking tags for vehicles, cargo, children, the elderly, pets and even luggage.

## **Technical Note to Editors**

*What is now known as Category M1 was formerly called Category M. Cat M1 specifies operation in 1.4 MHz bandwidth channels, providing approximately 300 kbps downlink and 375 kbps uplink speeds in half-duplex FDD. Category M2 was formerly called narrowband IoT (NB-IoT). Cat M2 specifies operation in 200 kHz bandwidth channels, providing approximately 40 kbps downlink and 55 kbps uplink speeds in half-duplex FDD. With the completion of 3GPP Release 13, the M1 and M2 category designations will become official.*

## **Skyworks at Mobile World Congress**

Representatives from Skyworks will be in Hall 2, Stand 2F18.

## **Sequans at Mobile World Congress**

Representatives from Sequans will be in Hall 7, Stand 7I81.

## **About Sequans Communications**

Sequans Communications S.A. (NYSE: SQNS) is an LTE chipmaker and leading provider of single-mode LTE chipset solutions to wireless device manufacturers worldwide. Founded in 2003, Sequans has developed and delivered six generations of 4G technology and its chips are certified and shipping in 4G networks around the world. Today, Sequans offers two LTE product lines: StreamrichLTE™, optimized for feature-rich mobile computing and home/portable router devices, and StreamliteLTE™, optimized for M2M devices and other connected devices for the Internet of Things. Sequans is based in Paris, France with additional offices in the United States, United Kingdom, Israel, Hong Kong, Singapore, Taiwan, South Korea, and China. Visit Sequans online at [www.sequans.com](http://www.sequans.com).

## **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 automotive, broadband, cellular infrastructure, connected home, industrial, medical, military, smartphone, tablet and wearable markets.

Headquartered in Woburn, Massachusetts, Skyworks is a global company with engineering, marketing, operations, sales, and service facilities located throughout Asia, Europe and North America. For more information, please visit Skyworks' website at: [www.skyworksinc.com](http://www.skyworksinc.com).

## **Sequans Forward Looking Statements**

This press release may contain projections or other forward-looking statements regarding future events or Sequans Communications' future financial performance. All statements other than present and historical facts and conditions contained in this release, including any statements regarding Sequans Communications' future results of operations and financial positions, business strategy, plans and objectives for future operations, are forward-looking statements (within the meaning of the Private Securities Litigation Reform Act of 1995, Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended).

These statements are only predictions and reflect Sequans Communications' current beliefs and expectations with respect to future events and are based on assumptions and subject to risk and uncertainties and subject to change at any time. Sequans Communications operates in a very competitive and rapidly changing environment. New risks emerge from time to time. Given these risks and uncertainties, you should not place undue reliance on these forward-looking statements. Actual events or results may differ materially from those contained in the projections or forward-looking statements.

Some of the factors that could cause actual results to differ materially from the forward-looking statements contained herein include, without limitation: (i) the contraction or lack of growth of markets in which Sequans Communications competes and in which its products are sold, including the LTE market, (ii) unexpected increases in Sequans Communications' expenses, including manufacturing expenses, (iii) inability to adjust spending quickly enough to offset any unexpected revenue shortfall, (iv) delays or cancellations in spending by Sequans Communications' customers, (v) unexpected average selling price reductions, (vi) the significant fluctuation to which Sequans Communications' quarterly revenue and operating results are subject due to cyclicity in the wireless communications industry and transitions to new process technologies, (vii) Sequans Communications' inability to anticipate the future market demands and future needs of its customers, (viii) Sequans Communications' inability to achieve new design wins, and (ix) other factors detailed in documents filed from time to time with the Securities and Exchange Commission. Forward-looking statements in this release are made pursuant to the

safe harbor provisions contained in the Private Securities Litigation Reform Act of 1995.

## **Skyworks 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 (e.g., 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 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; the availability and pricing of third-party semiconductor foundry, assembly and test capacity, raw materials and supplier components; changes in laws, regulations and/or policies that could adversely affect either (i) the economy and our customers' demand for our products or (ii) the 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, military and geo-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; 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.

The forward-looking statements contained in this news 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.

*Note to Editors: Skyworks and Skyworks Solutions are trademarks or registered trademarks of Skyworks Solutions, Inc. or its subsidiaries in the United States and in other countries. All other brands and names listed are trademarks of their respective companies.*

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