



HQ/CS/CL.24B/16097
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Sir,

Sub: **Semtech and Tata Communications to inaugurate 'Applications Center for LoRa Technology' in India.**

Please find attached herewith the press release on the captioned subject being issued today.

Thanking you,

Yours faithfully,
For Tata Communications Limited

Manish Sansi
Company Secretary &
General Counsel (India)

To:

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FOR IMMEDIATE RELEASE

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Semtech and Tata Communications to inaugurate 'Applications Center for LoRa Technology' in India

New applications center key to support the deployment of 35 IoT applications across Bengaluru, Delhi and Mumbai

MUMBAI, India, December 14, 2016 – Semtech Corporation (Nasdaq: SMTC), a leading supplier of analog and mixed-signal semiconductors, and Tata Communications, a leading provider of A New World of Communications™, are set to launch the first applications center dedicated to LoRa® Technology in Mumbai, India. The center allows enterprise customers and Internet of Things (IoT) solution providers to deploy and test their applications over a LoRaWAN™-based low power, wide area network (LPWAN).

Following successful LoRaWAN network trials in Mumbai, Delhi and Bengaluru, Tata Communications and Semtech have worked together to deploy 35 IoT proofs-of-concept (PoCs) based on LoRa Technology across these cities. The PoCs cover a wide array of applications, including sensors for remotely monitoring air conditioners and safety deposit boxes, energy management systems used to optimize the use of electricity, gas and water, and multiple smart buildings and smart city applications.

“Tata Communications has successfully tested India’s first IoT network in some of the largest cities in India,” said **VS Shridhar, Senior Vice President and Head – Internet of Things, Tata Communications**. “The current LoRaWAN-based network allows millions of devices to be connected, and our goal is to have 200 million end devices connected by 2019. We believe application centers like the one established by Tata Communications and Semtech in Mumbai will play a significant part in helping us co-create this growth.”

“Tata Communications’ efforts to deploy its IoT network and recruit enterprise customers to develop strong, LoRa-based PoCs for a wide range of IoT applications will help improve the lives of India’s citizens,” said **Francois Sforza, Senior Director of Business Development for Semtech’s Wireless and Sensing Product Group**. “We are committed to working with Tata Communications toward this goal by creating IoT application centers that help foster and drive innovation throughout India.”

- more -

Semtech is a member of the [LoRa Alliance](#), a group of more than 400 companies committed to driving and enhancing the LoRaWAN specification to ensure interoperability and scalability of LPWANs and IoT applications. Through its work with member companies and IoT industry groups, the LoRa Alliance is making LoRaWAN the standard for LPWANs focused on low-power, long-range IoT applications. To date, there are LoRaWAN public and private networks in more than 50 countries worldwide.

Key Features of LoRa Wireless RF Technology:

- **Long Range:** A single base station using LoRa Technology enables deep penetration capability for dense urban environments and indoor coverage, while also providing the ability to connect to sensors more than 15-30 miles away in rural areas.
- **Low Power:** The LoRaWAN protocol was developed specifically for low power and enables unprecedented battery lifetime of up to 20 years depending on the application.
- **Low Cost:** LoRa Technology reduces up front infrastructure investments and operating costs, as well as end-node sensor costs.
- **Open Standard:** The LoRaWAN protocol ensures interoperability among applications, IoT solution providers and telecom operators to speed up adoption and deployment.

Resources

- To learn how LoRa enables IoT visit Semtech's [LoRa/IoT site](#).
- View [LoRa FAQs](#)
- Engage with the [LoRa Community](#) or contact [Semtech's support team](#) for technical support or general product inquiries.
- Sign up for Semtech's e-newsletter [Inside Circuit](#) for quarterly product updates.
- Follow Semtech on [Twitter](#), [LinkedIn](#), [Facebook](#), and [Google+](#).

About Tata Communications

Tata Communications Limited (CIN no: L64200MH1986PLC039266) along with its subsidiaries (Tata Communications) is a leading global provider of A New World of Communications™. With a leadership position in emerging markets, Tata Communications leverages its advanced solutions capabilities and domain expertise across its global network to deliver managed solutions to multi-national enterprises and communications service providers.

The Tata Communications global network includes one of the most advanced and largest submarine cable networks and a Tier-1 IP network with connectivity to more than 240 countries and territories across 400 PoPs, as well as nearly 1 million square feet of data centre and colocation space worldwide.

Tata Communications' depth and breadth of reach in emerging markets includes leadership in Indian enterprise data services and leadership in global international voice communications. Tata Communications Limited is listed on the Bombay Stock Exchange and the National Stock Exchange of India.

<http://www.tatacommunications.com>

Forward-looking and cautionary statements

Certain words and statements in this release concerning Tata Communications and its prospects, and other statements, including those relating to Tata Communications' expected financial position, business strategy, the future development of Tata Communications' operations, and the general economy in India, are forward-looking statements. Such statements involve known and unknown risks, uncertainties and other factors, including financial, regulatory and environmental, as well as those relating to industry growth and trend projections, which may cause actual results, performance or achievements of Tata Communications, or industry results, to differ materially from those expressed or implied by such forward-looking statements. The important factors that could cause actual results, performance or achievements to differ materially from such forward-looking statements include, among others, failure to increase the volume of traffic on Tata Communications' network; failure to develop new products and services that meet customer demands and generate acceptable margins; failure to successfully complete commercial testing of new technology and information systems to support new products and services, including voice transmission services; failure to stabilize or reduce the rate of price compression on certain of the company's communications services; failure to integrate strategic acquisitions and changes in government policies or regulations of India and, in particular, changes relating to the administration of Tata Communications' industry; and, in general, the economic, business and credit conditions in India. Additional factors that could cause actual results, performance or achievements to differ materially from such forward-looking statements, many of which are not in Tata Communications' control, include, but are not limited to, those risk factors discussed in Tata Communications Limited's Annual Reports. The Annual Reports of Tata Communications Limited are available at www.tatacommunications.com. Tata Communications is under no obligation to, and expressly disclaims any obligation to, update or alter its forward-looking statements.

About Semtech

Semtech Corporation is a leading supplier of analog and mixed-signal semiconductors for high-end consumer, enterprise computing, communications, and industrial equipment. Products are designed to

benefit the engineering community as well as the global community. The Company is dedicated to reducing the impact it, and its products, have on the environment. Internal green programs seek to reduce waste through material and manufacturing control, use of green technology and designing for resource reduction. Publicly traded since 1967, Semtech is listed on the Nasdaq Global Select Market under the symbol SMTC. For more information, visit www.semtech.com.

Forward-Looking and Cautionary Statements

All statements contained herein that are not statements of historical fact, including statements that use the words "to launch," "to deploy," "plans to," "aims to," "believe," "goal is to," "" or other similar words or expressions, that describe Semtech Corporation's or its management's future plans, objectives or goals are "forward-looking statements" and are made pursuant to the Safe-Harbor provisions of the Private Securities Litigation Reform Act of 1995, as amended. Such forward-looking statements involve known and unknown risks, uncertainties and other factors that could cause the actual results of Semtech Corporation to be materially different from the historical results and/or from any future results or outcomes expressed or implied by such forward-looking statements. Such factors are further addressed in Semtech Corporation's annual and quarterly reports, and in other documents or reports, filed with the Securities and Exchange Commission (www.sec.gov) including, without limitation, information under the captions "Management's Discussion and Analysis of Financial Condition and Results of Operations" and "Risk Factors". Semtech Corporation assumes no obligation to update any forward-looking statements in order to reflect events or circumstances that may arise after the date of this release, except as required by law.

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