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Semtech's LoRa Technology the Platform of Choice for Sensor-based IoT Applications

• Thousands of IoT companies in diverse vertical markets globally deploying Semtech's LoRa® Devices and Radio Frequency Technology
• 40% of all LPWAN connections expected to be LoRa-based devices

SAN FRANCISCO at Mobile World Congress Americas (Booth N260), Sept. 12, 2017 (GLOBE NEWSWIRE) -- Semtech Corporation (Nasdaq:SMTC), a leading supplier of high performance analog and mixed-signal semiconductors and advanced algorithms, announced its LoRa® devices and wireless RF Technology (LoRa Technology) is positioned as the de facto platform for Low-Power Wide-Area Networks (LPWAN) used in supporting thousands of real-world IoT applications.

A photo accompanying this announcement is available at http://www.globenewswire.com/NewsRoom/AttachmentNg/dc50d2df-4fda-40d2-b440-25527e6138a7

⊠ Semtech and Sensor Deployments

Semtech's LoRa Technology is the IoT platform of choice for vertical markets.

According to business information provider IHS Markit, more than 40% of all LPWAN public network connections are expected to be LoRa-based devices and represent the dominate LPWAN solution in 2019.*

"LoRa-based LPWAN deployments benefit greatly from the flexibility of having both private network and public network connectivity capability," said Sam Lucero, Sr. Principal Analyst, IoT at IHS Markit. "In deployment scenarios ranging from smart agriculture, remote industrial automation, to even municipally-owned smart city networks, having a private network connectivity option is highly desirable."

By the end of 2017, Semtech also expects the number of long-range, low-power wide area networks based on the LoRaWAN™ protocol to exceed 65 countries and anticipate the number of deployed macro cell gateways to reach 65,000 equating to a sensor capacity of several hundred million sensors, and ultimately enable connectivity of billions of LoRa-based sensors within a few years.

With this rapid evolution and adoption of an open standard and deployment worldwide in over 65 countries, LoRaWAN enables a new generation of IoT use cases that can be deployed quickly and potentially disrupt existing industries including smart cities, smart building, smart supply chain and logistics, smart metering, and smart agriculture. Vertical deployments range from improving a smart city's operation efficiencies to monitoring valuable airport equipment across multiple locations to providing public safety to the community.

"In a short timeframe, we've facilitated the development of a strong and influential ecosystem of industry-leading companies comprised of network operators, system integrators, manufacturers of gateways, end nodes, and sensors, as well as a plethora of IoT application developers. With this foundation, solution providers are positioned to enable the connectivity of billions of sensors incorporating LoRa devices and technology while enriching people's lives," said Marc Pegulu, Vice President and General Manager of Wireless Products for Semtech's Wireless and Sensing Products Group. "By leveraging an established infrastructure, Semtech's LoRa Technology addresses the market and technology gap for an IoT platform that features long-range, low-cost, ease of deployment, and multi-year battery life."

About Semtech LoRa® Devices and Wireless RF Technology
Semtech's LoRa wireless RF technology is a widely adopted long-range, low-power solution for IoT that gives telecom companies, IoT application makers and system integrators the feature set necessary to deploy low-cost, interoperable IoT networks, gateways, sensors, module products, and IoT services worldwide. IoT networks based on the LoRaWAN™ specification have been deployed in over 60 countries. To learn more about how LoRa enables IoT, visit Semtech's LoRa site and join the LoRa Community to access free training as well as an online industry catalog showcasing the products you need for building your ideal IoT application.

About Semtech

Semtech Corporation is a leading supplier of high performance analog and mixed-signal semiconductors and advanced algorithms 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 "is positioned as," "expected to," "expects," "ultimately enables," "can be deployed," "potentially disrupts," "ready to enable," "designed 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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*Information based on IHS Markit, Technology Group, Low Power Wide Area (LPWA) Market Report - 2017. Information is not an endorsement of Semtech Corporation. Any reliance on these results is at the third party's own risk. Visit technology.ihs.com for more details.

The photo is also available at Newscom, www.newscom.com, and via AP PhotoExpress.

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