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New Multi-Constellation Satellite-Location Chip from STMicroelectronics Adds Support for China's BeiDou System

Geneva, January 8, 2014 – STMicroelectronics (NYSE: STM), a global semiconductor leader serving customers across the spectrum of electronics applications, announces Teseo III, a single-chip standalone positioning product family capable of receiving signals from multiple satellite navigation systems, including the Chinese BeiDou, the US GPS, European Galileo, Russia's GLONASS and Japan's QZSS.

The new Teseo III product family creates a new state-of-the-art in positioning accuracy by building on the industry-leading performance of ST's Teseo II single-chip satellite-tracking ICs. The new generation also leverages the Company's investment and support for sensor fusion as found in Automotive Dead Reckoning and Assisted-GNSS (Global Navigation Satellite System) functions.

"By adding the BeiDou satellite-tracking capabilities to existing support for all global systems, the Teseo III delivers greater accuracy and location precision in Asia and throughout the world," said Antonio Radaelli, Director Infotainment Business Unit at STMicroelectronics. "Teseo III allows in-car navigation systems, telematics systems, portable, marine, fitness, and other devices needing to use the best signal from any system to deliver outstanding accuracy across urban, rural and mountainous environments."

The Teseo III product family is offered in two series:

- The [STA8089](#) series adds support for the BeiDou constellation to devices that remain pin-to-pin compatible with the Teseo II series, to enable fast customer-application migration.
- The [STA8090](#) series adds a new, more efficient power-management unit, along with support for China's BeiDou satellites.

The Teseo III product family provides a single-chip solution integrating the RF, digital control circuits and flash memory, to enable simultaneous tracking of multiple satellites regardless of their constellation and to deliver exceptional accuracy in urban canyons, where building and other obstructions make satellite visibility challenging. Like other products in the Teseo family, Teseo III combines high positioning accuracy and indoor sensitivity performance with powerful processing capabilities and superior design flexibility.

The Teseo III is now in qualification and will be available for sampling to customers in Q1 2014.

About STMicroelectronics

ST is a global leader in the semiconductor market serving customers across the spectrum of sense and power and automotive products and embedded processing solutions. From energy management and savings to trust and data security, from healthcare and wellness to smart consumer devices, in the home, car and office, at work and at play, ST is found everywhere microelectronics make a positive and innovative contribution to people's life. By getting more from technology to get more from life, ST stands for life.augmented.

In 2012, the Company's net revenues were \$8.49 billion. Further information on ST can be found at www.st.com.

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