# STMicroelectronics ships one billionth MEMS device(2)

I-Micronews

STMicroelectronics (NYSE: STM), the leading supplier of MEMS (Micro-Electro-Mechanical Systems) devices for consumer and portable applications, today announced it has shipped its one billionth MEMS sensor. ST's micro-machined accelerometers and gyroscopes have enabled motion-activated user interfaces in a number of popular consumer devices, such as game consoles, smart phones and remotes, making these more accessible and appealing to people.

Over the past five years, ST has reduced the size of MEMS accelerometers and gyroscopes from more than 500mm3 to less than 10mm3 while increasing resolution, accuracy, temperature stability and reducing power consumption by a factor 10. ST is now leading the Consumerization Wave of MEMS and its application to high-volume gaming systems and mobile applications. ST was the first major manufacturer in the world to set up a dedicated 8-inch MEMS fabrication line, to use a low-cost high-volume Land-Grid-Array package and to develop state-of-the-art calibration equipment in strong cooperation with key partners. Currently ST produces almost 50 million MEMS Motion Sensors a month.

*"The revolution to affordable  and accurate and motion sensors has dramatically changed the way consumers interact with mobile phones, games, and other electronic devices,"* said **Benedetto Vigna**, Group Vice President and General Manager of the MEMS, Sensors and High Performance Analog Division, STMicroelectronics. *"Combining the economy of scale with industry-leading sensor and application expertise, ST continues to strengthen its offerings in Consumer MEMS and drives the development of new and fast-moving MEMS markets, such as healthcare, industrial and automotive."*

The one-stop MEMS supplier of choice, ST offers an unrivalled comprehensive portfolio of micro-machined motion, pressure, magnetic and acoustic sensors. At the forefront of the technology development, ST has also started integrating multiple MEMS sensors in one package, leading to giant leaps in functionality and performance, as well as adding autonomous processing capability and wireless connectivity for interfacing with the outside world.

For further information on ST's MEMS solutions go to www.st.com/mems [1].

**About STMicroelectronics**
STMicroelectronics is a global leader serving customers across the spectrum of electronics applications with innovative semiconductor solutions. ST aims to be the undisputed leader in multimedia convergence and power applications leveraging its vast array of technologies, design expertise and combination of intellectual property

portfolio, strategic partnerships and manufacturing strength. In 2009, the Company's net revenues were $8.51 billion. Further information on ST can be found at www.st.com. [2]

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