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## **STMicroelectronics Drives System-on-Chip Strategy Supporting GENIVI® Open-Source Platform for In-Vehicle Infotainment Systems**

*Successful registration of GENIVI compliant software stack for STiH416 points to future multimedia SoCs targeting advanced connected-car applications*

**Geneva, September 30, 2013 – STMicroelectronics (NYSE: STM)**, a global semiconductor leader serving customers across the spectrum of electronics applications and a core member of the GENIVI® Alliance supporting the GENIVI open-source platform for In-Vehicle Infotainment (IVI) systems, has successfully registered software stack for its flagship video-processor System-on-Chip (SoC) as compliant with the latest GENIVI specification.

The GENIVI platform brings together approved software modules as middleware that supports core IVI-system functions such as telephony, audio routing, Bluetooth® connectivity, and interfaces to items like sensors, cameras and user controls. This approach, which employs open-source Linux-based software selected by the GENIVI Alliance to meet advanced IVI requirements, enables OEMs and Tier-1s to produce IVI systems cost-effectively and quickly introduce innovative new products.

By proving that its [STiH416](#) high-performance multimedia SoC can host ST's IVI-SDK GENIVI compliant software stack, ST is advancing its IVI SoC roadmap towards production of a fully automotive-qualified SoC family. Customers using such SoCs will be able to create applications offering differentiated functionality and user-interface features for a variety of automotive markets.

“The GENIVI specification is rapidly evolving and it will ultimately ensure in-vehicle infotainment systems can develop quickly and address the broadest possible range of applications for the benefit of OEMs and vehicle users,” said Marco Carilli, Director of Software & Applications, IVI Business Unit, Unified Platform Division, ST's Digital Convergence Group. “The GENIVI compliant software stack for STiH416 proves the ability of our system-on-chip architecture to deliver instant response and seamless multi-screen experiences. These features are key to providing safe and reliable driver assistance as well as the same high-quality experiences available in today's connected homes.”

ST's IVI SoC roadmap is set to combine the advantages of the Company's high-performance multimedia and connectivity system-on-chip IP, processes and infrastructure for producing automotive-qualified ICs, and established presence within the automotive supply chain.

ST's STiH416 SoC is an advanced HD AVC processor with support for High-Definition H.264/VC-1/AVS/MPEG2 video and 3D graphics acceleration. It features a powerful ARM<sup>®</sup> Cortex<sup>™</sup> application processor, plus dedicated multimedia processing engine, quad-core graphics processor, audio DSP, and connectivity such as multiple Ethernet, HDMI and USB2.0, plus audio/TV outputs. Also offering outstanding power efficiency and dedicated hardware-based security features, the STiH416 provides ample resources to host the GENIVI stacks and support unique customer IVI applications.

### **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](http://www.st.com).

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