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## For Immediate Release

### **Mouser ARMS Designers with the new Cortex-M4 MCUs from STMicroelectronics**

**November 8, 2011** – [Mouser Electronics](http://www.mouser.com), Inc., regarded as a top design engineering resource and global distributor for semiconductors and electronic components, today announced it is stocking [STMicroelectronics](http://www.st.com)' newest addition to its STM32<sup>®</sup> platform, the STM32 F4 series of microcontrollers. The STM32 F4 series is based on the latest ARM<sup>®</sup> Cortex™-M4 core, which adds signal-processing capabilities and faster operations to its outstanding portfolio of STM32 MCUs, making it STMicroelectronics' highest-performance MCU.

Adding the STM32 F4 series to the STMicroelectronics portfolio opens up design possibilities for creators in the Digital Signal Controller (DSC) market for applications that require single-cycle DSP instructions and high computational capability, such as high-end motor control, medical equipment, and security applications. Offering pin and software compatible options, designers using the STM32 F2 series MCUs can offer product extensions by upgrading to the F4 series if they need more memory, performance, or features. In addition, the STM32 F4 series replaces multi-chip MCU and DSP approaches with one, high-performance microcontroller.

STMicroelectronics STM32 F4 32-bit ARM Cortex-M4 MCUs include more SRAM, high performance ADCs, a floating point unit, built-in MAC instructions, optimized SIMD arithmetic, saturating arithmetic instructions, an adaptive real-time ART Accelerator™ to provide linear performance up to 168MHz, unleashing the full performance of the core, while providing outstanding power efficiency. Learn more at <http://www.mouser.com/stm32F4/>.

Mike Scott, Mouser Vice President of Semiconductors, states, "Mouser is pleased to introduce STMicro's first ARM Cortex-M4 products to our broad inventory of semiconductors and development tools. It is critical for designers to have migration paths to higher performance with the ability to reuse much of the software from their existing designs to enable not only better products, but products that meet the ever-increasing demands on speed to market. The combination of ST's product innovations and Mouser's service excellence makes it easy for engineers to design with the newest products."

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With its broad product line and unsurpassed customer service, Mouser caters to design engineers and buyers by delivering What's Next in advanced technologies. Mouser offers customers 19 global support locations and stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is updated daily and searches more than 8 million products to locate over 2 million orderable part numbers available for easy online purchase. Mouser.com also houses an industry-first interactive catalog, data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

### **About Mouser Electronics**

Mouser Electronics, a subsidiary of TTI, Inc., is part of Warren Buffett's Berkshire Hathaway family of companies. Mouser is an award-winning authorized semiconductor and electronic component distributor, focused on the rapid introduction of new products and technologies to electronic design engineers and buyers. Mouser.com features more than 2 million products online from more than 450 manufacturers. Mouser publishes multiple catalogs per year providing designers with up-to-date data on the components now available for the next generation of electronic devices. Mouser ships globally to over 325,000 customers in 170 countries from its 492,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit <http://www.mouser.com>.

### **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 2010, the Company's net revenues were \$10.35 billion. Further information on ST can be found at <http://www.st.com/>.

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-- 30 --

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