

For Immediate Release

Mouser Offers Energy-Efficient MCUs for Portable Medical Devices

June 1, 2011 – [Mouser Electronics](#), Inc., regarded as a top design engineering resource and global distributor for semiconductors and electronic components, today announced the availability of [Freescale Semiconductors](#)' Flexis MM Series Microcontrollers, the flagship of a new line of MCUs designed to meet the rigorous demands of medical applications.

Freescale has designed Flexis MM MCUs in a 32-bit architecture (MCF51MM, V1 Coldfire 50 MHz Core with MAC) and in an 8-bit architecture (MC9S08MM, 9S08 48 MHz Core) to allow designers the creative freedom to develop fully featured portable medical products at a lower cost. The 32-bit and 8-bit MCUs each provide 16-bit analog-to-digital converter and 12-bit digital-to-analog converter modules with an analog front end. Both MCUs feature a rich peripheral set that includes a USB 2.0 controller with host, device, and OTG support, multiple serial interfaces, and an external bus interface.

Development tools are available for both MCU types and use an electrocardiogram as the demonstration.

The Flexis MM MCUs are ideal for medical applications and other applications requiring a significant amount of precision analog such as instrumentation and industrial control. These high-performance MCUs are supported by the Freescale USB stack with Personal Healthcare Device Class and by a 15-year guaranteed supply. To learn more, visit <http://www.mouser.com/freescaleflexismm/>.

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 17 global customer support locations and the latest, most technologically advanced components for customers' newest design projects. Mouser Electronics' website is updated daily and searches more than 7.5 million products to locate over 1.9 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.

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About Mouser

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 1.9 million products online from more than 400 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 300,000 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 Freescale Semiconductor

Started in 1953, Freescale Semiconductor, Inc. was the semiconductor product sector of Motorola, Inc., earning the reputation of innovator and pioneer in the global semiconductor industry. Today Freescale is an industry leader in the design and manufacture of embedded semiconductors for the wireless, networking, automotive, consumer, and industrial markets. For more information, visit <http://www.freescale.com>.

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