

## For Immediate Release

### **Mouser Stocking NXP Semiconductor's LPC4300 Cortex™-M4 / M0 MCUs**

*World's first MCUs with Dual-Core M4 / M0 architecture*

**February 14, 2012** - [Mouser Electronics](http://www.mouser.com), Inc., regarded as a top design engineering resource and global distributor for semiconductors and electronic components, today announced the availability of [NXP Semiconductor](http://www.mouser.com)'s LPC4300 Cortex™-M4 / M0 Dual-Core Microcontrollers.

NXP Semiconductors LPC4300 series microcontrollers (MCUs) boast the world's first asymmetrical dual-core digital signal controller architecture, featuring ARM® Cortex™-M4 and Cortex-M0 processors. The NXP Cortex-M4 MCU with Cortex-M0 co-processor brings the advantage of developing digital signal processor (DSP) and MCU applications within a single architecture and development environment with features such as single cycle MAC, Single Instruction Multiple Data (SIMD) techniques, saturating arithmetic, and a floating point unit.

The Cortex-M0 co-processor off-loads many of the data movement and I/O handling duties that can drain the bandwidth of the Cortex-M4 core. With its dual-core architecture and unique set of configurable peripherals, NXP Semiconductors LPC4300 MCUs enable development of a wide range of applications, such as embedded audio, motor control, power management, industrial automation, robotics, medical, and automotive accessories.

To learn more, visit <http://www.mouser.com/nxplpc4300/>.

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.

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### **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 NXP**

NXP Semiconductors provides High Performance Mixed Signal and Standard Product solutions that leverage its leading RF, Analog, Power Management, Interface, Security, and Digital Processing expertise. These innovations are used in a wide range of automotive, identification, wireless infrastructure, lighting, industrial, mobile, consumer and computing applications. Headquartered in Europe, NXP Semiconductors has approximately 28,000 employees working in more than 25 countries and posted sales of USD 3.8 billion in 2009.

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