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For Immediate Release

Mouser Stocking Latest Motor Control Solutions from Texas Instruments

March 7, 2012 - Mouser Electronics, Inc., regarded as a top design engineering resource and global distributor for semiconductors and electronic components, today announced immediate availability of newest DC motor control solutions from Texas Instruments.

The TI DRV8843 is a dual H-bridge driver capable of driving two DC motors or one stepper motor. The output block of each driver consists of n-channel power MOSFETs configured as H-bridges that are able to supply up to 2.5A peak or 1.75A RMS output current. The DRV8843 is available in a thermally enhanced 28-pin HTSSOP package and is ideal for applications such as robotics, factory automation, and office machines. Learn more at http://www.mouser.com/tidrv884x/.

The combination of Texas Instruments and National has created an exciting, flexible solution for the control of brushless DC motors. This “winning combo” provides programmable processing to support varying drive profiles and configurations with differences in range, acceleration, and torque. Both single- and three-phase motors can be controlled, as well as applications with and without sensors. Four components comprise the solution: the LM5101B MOSFET driver, the LM3S8971 Stellaris motor controller, the AMC1200 isolation amplifier, and the DRV8312 motor driver. Visit http://www.mouser.com/TI-NSC-brushlessdcmotor/.

Design of a new motor control system can be a daunting task. Using many of the same products found in their winning combo solution, TI has created the DK-LM3S-DRV8312 Motor Control Kit to help engineers speed time to market. The kit is designed to spin 3-phase brushless DC motors showing the operational advantages of TI’s InstaSPIN BLDC control solution such as simplified tuning, immediate acceleration, and reliable low-speed operation. The brains of the kit are an LM3S818 MCU on a controlCARD module that is pre-programmed with all the necessary firmware. Also included is the Crosshairs embedded kernel and corresponding PC application interface that enables the engineer to control and monitor the entire system. Additional information on the DK-LM3S-DRV8312 Motor Control Development kit can be found at: http://www.mouser.com/tidk-lm3s-drv8312/.

To learn more about motor control, visit Mouser at http://www.mouser.com/industrial_motor_control/

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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 8.7 million products to locate over 2.8 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 2.8 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.

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