For Immediate Release

Arduino Leonardo AVR Development Boards in Stock at Mouser
New Leonardo Board features ATmega32u4 MCU with Built-in USB Communication

June 28, 2012 – Mouser Electronics, Inc., regarded as a top design engineering resource and global distributor for semiconductors and electronic components, today announced it is stocking the highly anticipated new Leonardo AVR development board from Arduino.

Arduino Leonardo AVR Development Board is a microcontroller board based on the Atmel ATmega32u4. It includes 20 digital IOs, a 16MHz crystal oscillator, a micro USB connection, a power jack, an ICSP header, and a reset button. The Leonardo differs from preceding boards in that the ATmega32u4 has built-in USB communication, erasing the need for a secondary processor. This allows the Leonardo to appear to a connected computer as an HID, such as a mouse or keyboard, in addition to a virtual (CDC) serial / COM port. The Leonardo board contains everything needed to support the microcontroller. Simply connect it to a computer with a USB cable, or power it with an AC-to-DC adapter or battery, to get started. To learn more, visit http://www.mouser.com/arduino-leonardo/.

Russell Rasor, Mouser Vice President of Advanced Technology, states, "Arduino has created a simple, yet powerful development board that is destined to become a favorite for programmers. Leonardo combines two functions into a single processor, allowing for greater flexibility in its communication with the computer. It will save design engineers valuable design time and money as it comes with everything ready to support the microcontroller."

Gianluca Martino, Co-Founder of the Arduino Project, adds, "Our Leonardo AVR Dev Board is based on the proven and reliable Atmel 8-bit ATmega32u4 microcontroller to provide the flexibility and horsepower for this multi-functional tool. This single processor, controlling both the USB communication and sketches, and helps lower the cost by eliminating the additional processor."

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 8.9 million products to locate over 3 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 3 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 375,000 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 Arduino

Arduino provides open-source electronics prototyping platforms based on flexible, easy-to-use hardware and software. Arduino prototyping platforms are intended for artists, designers, hobbyists, and anyone interested in creating interactive objects or environments. Arduino's prototyping platforms can sense the environment by receiving input from a variety of sensors and can affect their surroundings by controlling lights, motors, and other actuators. Arduino projects can be stand-alone or they can communicate with software running on a computer.

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