

For Immediate Release

State-of-the-Art Murata Boy Robot to Visit Mouser Electronics

April 3, 2012 – [Mouser Electronics](#), Inc., regarded as a top design engineering resource and global distributor for semiconductors and electronic components, today announced that it will be visited by the amazing [Murata](#) Boy on Thursday, April 5th, the world renowned self-balancing robot that is packed with electronics to allow it to have extraordinary balancing capabilities. Mouser is Murata's distribution partner for the manufacturer's newest products and advanced ceramic technologies.

Murata will be giving 40-minute demonstrations of the robot's capabilities throughout the morning to Mouser employees, as well as local students from Mansfield's Ben Barber Tech Academy who participate in the *FIRST®* FTC robotics program, of which Mouser is a sponsor. The students and employees will get the chance to learn about Murata's various products and technologies, while getting an inside look at the robot. Murata Boy not only balances his fully functional bicycle, he can pedal it forward and backward, make turns and ride up small inclines. The balancing act comes courtesy of an in-seat gyroscope, which communicates with a large fly wheel in Murata Boy's chest that keeps him perfectly balanced whether he's moving or not. As a result, Murata Boy not only balances when in motion, he can do just as well when the bike is perfectly still.

"We are excited to be able to bring Murata Boy to Mansfield for our employees to see up close. It represents the most cutting-edge design technology available and demonstrates how far these principals can take us," says Andy Kerr, Mouser Vice President of Passives. "Murata is a strong Mouser partner, and we look forward to collaborating on many future projects with them."

The multi-media presentation will consist of several videos on how the robot was made, along with a full demonstration of its unique capabilities.

Murata, one of Mouser's top suppliers, is focused on the R&D of functional ceramic technology and the development of its potential applications. Ceramic technology is growing increasingly important as a key driving force in the creation of a new electronics revolution for the 21st century. Murata's commitment to this endeavor has resulted in their introducing a wide, diverse range of innovative ceramic electronic components. Murata Electronics N.A., Inc.'s product line includes capacitors, resistors / thermistors, coils (inductors), EMI suppression filters, resonators, piezo alarms, IF / RF filters, RF modules and RF connectors.

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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 2.7 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 Murata

Established in 1944, Murata has focused on the R&D of functional ceramic and the development of its potential applications. Ceramic technology is growing increasingly important as a key driving force in the creation of a new electronics revolution for the 21st century. Murata's commitment to this endeavor has resulted in their introducing a wide, diverse range of innovative ceramic electronic components. Murata Electronics N.A., Inc.'s product line includes capacitors, resistors / thermistors, coils (inductors), EMI suppression filters, resonators, piezo alarms, IF / RF filters, RF modules and RF connectors.

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