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## For Immediate Release

# Mouser Electronics and Performance Motion Devices Announce Global Distribution Deal

**October 19, 2020** – [Mouser Electronics](http://www.mouser.com), Inc., the authorized global distributor with the newest semiconductors and electronic components, announces a global distribution agreement with [Performance Motion Devices](http://www.performance-motion.com), Inc. (PMD), a provider of innovative, high-performance ICs, boards and drive-based motion control solutions to OEMs around the globe. Through the agreement, Mouser now distributes PMD's Magellan, Juno, ION, and ATLAS families of motor control devices.

The [Magellan](#) Family of motion control ICs provide advanced motion control for medical, scientific, automation, industrial, and robotic applications. The Magellan ICs are offered in three series: The MC58000 Series positioning motion control ICs for brushless DC (BLDC), DC brush and step motors and MC55000 Series pulse and direction output ICs for step motors are both available in 1- through 4-axis packages. The MC58113 Series positioning motion control ICs feature integrated current control for BLDC, DC brush and step motors in a single-axis package.

The [Juno](#) Family is the industry's first family of compact velocity and torque control ICs with full four-quadrant motion control, direct input quadrature encoder, profile generation, and advanced current control. The ICs provide advanced velocity and torque control for BLDC, DC brush, and step motors in medical, scientific, industrial, and robotic applications that need to minimize motor noise, vibration and power consumption. Juno ICs are easy to deploy with embedded motion commands, on-board intelligence, and direct analog and digital amplifier signal interfacing.

[ION](#) digital drives are compact, fully enclosed modules that provide high-performance motion control, network connectivity and power amplification. The ION digital drives are built on the Magellan motion control IC, providing a powerful instruction set to control the motion application, monitor performance, and synchronize overall drive behavior. Ideal for medical, scientific, semiconductor, robotic, industrial and other automation applications, the ION drives are available in 500 W and 3000 W options.

[ATLAS](#) digital amplifiers are compact single-axis amplifiers that provide high-performance torque control for DC brush, BLDC, and step motors. ATLAS digital amplifiers use PMD's proprietary digital current control and switching technology for exceptional efficiency and quiet motor operation in a compact, solderable module. The ATLAS family works seamlessly with Magellan motion control ICs and can also be used with dedicated FPGAs, digital signal processors, or general-purpose microprocessors.

To learn more, visit <https://www.mouser.com/manufacturer/performance-motion-devices/>.

As a global authorized distributor, Mouser offers the world's widest selection of the newest semiconductors and electronic components — in stock and ready to ship. Mouser's customers can expect 100% certified, genuine products that are fully traceable from each of its manufacturer partners. To help speed customers' designs, Mouser's website hosts an extensive library of technical resources, including a [Technical Resource Center](#), along with product data sheets, supplier-specific reference designs, application notes, technical design information, engineering tools and other helpful information.

### **About Mouser Electronics**

Mouser Electronics, a Berkshire Hathaway company, is an authorized semiconductor and electronic component distributor focused on New Product Introductions from its leading manufacturer partners. Serving the global electronic design engineer and buyer community, the global distributor's website, Mouser.com, is available in multiple languages and currencies and features more than 5 million products from over 1,100 manufacturer brands. Mouser offers 27 support locations worldwide to provide best-in-class customer service in local language, currency and time zone. The distributor ships to over 630,000 customers in 223 countries/territories from its 1 million-square-foot, state-of-the-art distribution facilities in the Dallas, Texas, metro area. For more information, visit [www.mouser.com](http://www.mouser.com).

### **About Performance Motion Devices**

Performance Motion Devices, Inc. provides innovative and high-performance integrated circuit, board and drive-based motion control solutions to OEMs and contract manufacturers around the globe. With over six million installed axes, Performance Motion Devices has the motion control expertise to simplify designs, lower production costs and risk, and enable customers to bring their products to market quickly. Performance Motion Devices products are used to control DC Brush, Brushless DC, and step motors in the medical device, laboratory automation, inspection equipment, robotics, packaging, 3D printing and semiconductor automation markets. Performance Motion Devices—motion control at its core.

### **Trademarks**

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