New Product Announcement

Mouser Electronics Now Shipping Murata IoT Solutions for NXP and Embedded Artists i.MX Platforms

September 16, 2019 – Mouser Electronics, Inc., the New Product Introduction (NPI) leader empowering innovation, is stocking the comprehensive new Murata IoT Solutions for NXP i.MX Eval Platforms and Embedded Artists i.MX Platforms, available for same-day shipment.

A collaboration of Murata, Cypress Semiconductor, NXP Semiconductors, and Embedded Artists, the products provide Internet of Things (IoT) developers with mix-and-match wireless connectivity and processing solutions that shorten the time-to-market cycle for products ranging from battery-powered IoT devices to industrial equipment and subsystems for connected cars.

Murata has partnered with Embedded Artists to integrate Wi-Fi and Bluetooth® into existing NXP and Embedded Artists i.MX development kits. The i.MX platforms, based on Arm® Cortex® cores, are designed to bridge the gap between the performance of applications processors and the flexible usability of microcontrollers without increasing costs or power consumption. The combined products pair Murata's industry-leading wireless modules — based on Cypress' robust Wi-Fi and Bluetooth combination devices — with a broad range of best-in-class processors from the NXP i.MX series.

The platform solutions give developers a broad range of scalable processing platforms including i.MX 6, i.MX 7 and i.MX 8 Series application processors and i.MX RT crossover processors. The Wi-Fi and Bluetooth connectivity solutions from Cypress include 1×1 802.11bgn, 802.11abgn, 802.11ac, and 2×2 802.11ac, as well as Bluetooth 5.0 support.

For the NXP i.MX Platforms, the Murata uSD-M.2 Adapter connects to the microSD slot on the platform, which provides power and WLAN-SDIO. The Murata Adapter provides an M.2 connector, allowing application developers to connect the Embedded Artists Types 1DX, 1MW, 1LV, and 1CX M.2 EVBs, which provide IEEE 802.11/b/g/n and Bluetooth/Bluetooth Low Energy connectivity.

Each hardware platform and corresponding software is validated for a streamlined experience to shorten the design cycle. With direct access to necessary software in NXP's Linux board support package and MCUXpresso software development kit (SDK) plus Wi-Fi evaluation kits from NXP preferred partner Embedded Artists, the solutions support prototyping a diverse range of applications.

To learn more, visit www.mouser.com/ea-nxp-wifi-bluetooth-i-mx and www.mouser.com/murata-wireless-solution-imx.

With its broad product line and unsurpassed customer service, Mouser strives to empower innovation among design engineers and buyers by delivering advanced technologies. Mouser stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is continually updated and offers advanced search methods to help customers quickly locate inventory. Mouser.com also houses data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

About Mouser Electronics
Mouser Electronics, a Berkshire Hathaway company, is an award-winning, authorized semiconductor and electronic component distributor focused on rapid New Product Introductions from its manufacturing partners for electronic design engineers and buyers. The global distributor's website, Mouser.com, is available in multiple languages and currencies and features more than 5 million products from over 750 manufacturers. Mouser offers 26 support locations around the world to provide best-in-class customer service and ships globally to over 630,000 customers in 223 countries/territories from its 750,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit www.mouser.com.

About Murata
Murata is a worldwide leader in the design and manufacture of ceramic passive electronic components, wireless connectivity modules, and power conversion technologies. Since its establishment in Kyoto in 1944, Murata has contributed to the advancement of society and the evolution of the electronics industry. The company's innovations can be found in a wide range of applications: mobile phones, home appliances, automotive electronics, energy management systems, healthcare devices, and more. Today, Murata is a global enterprise with over 100 offices worldwide. Aspiring to the slogan, "Innovator in Electronics®," approximately 48,000 Murata employees strive every day to develop promising new technologies, "world's first" innovations, and products shaping the future of electronics, all toward enabling customers to realize their vision.

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