

New Product Announcement

NXP's Rapid IoT Prototyping Kit Now Available from Mouser for Accelerating Edge Node Proof-of-Concept Development

August 30, 2018 – [Mouser Electronics](http://www.mouser.com), Inc., the New Product Introduction (NPI) leader empowering innovation, is now stocking the [Rapid IoT prototyping kit](#) from [NXP Semiconductors](#). Allowing developers to quickly take [Internet of Things](#) (IoT) projects from idea to proof of concept, Rapid IoT features industry-leading hardware, enhanced security, and optimal power management within a small form factor. Rapid IoT comes pre-configured with 11 NXP devices (including microcontrollers, interface, [NFC](#), anti-counterfeit security and flexible sensor options) to facilitate the development of a broad range of IoT devices, including smart appliances, wearables, home and [building automation](#), and [medical](#) devices.

The [NXP Rapid IoT prototyping kit](#), available from Mouser Electronics, combines a high-performance, [low power](#) NXP [Kinetis K64](#) microcontroller based on an Arm® Cortex®-M4 core, and an NXP Kinetis KW41Z wireless microcontroller that enables [Bluetooth](#)® low energy (BLE), Thread, and Zigbee connectivity. The versatile and modular device also includes a capacitive [touch](#) sensor, 6-axis digital accelerometer and magnetometer, 3-axis digital gyroscope, digital pressure barometric and humidity sensor, digital ambient light sensor, and digital air quality sensor.

To simplify the development process, Rapid IoT includes pre-programmed applications that enable users quickly get familiar with its capabilities. The device features a web integrated development environment (IDE) with GUI-based programming to help users modify the device's behavior without having experience with embedded coding. When ready, engineers can easily transition ideas from prototype to development with automatic source code generation for NXP's MCUXpresso, a comprehensive set of software tools including SDK, IDE and configuration tools.

Rapid IoT is compatible with the NXP [IoT Modular Gateway](#), a complete development platform that brings together the building blocks for secure, production-ready IoT systems including hardware, software, connectivity, security and cloud services with comprehensive and fully documented out-of-the-box guidance and support. Rapid IoT is also fully compatible with the [MikroElektronika Hexiwear docking station](#) and over 400 [MikroElektronika Click boards](#)™ to enable a wide range of functionality for almost any IoT use case.

To learn more, visit www.mouser.com/nxp-sln-rpk-node.

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

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