

## New Product Announcement

# Mouser Electronics Now Stocking NXP QN9090DK Dev Kit with Onboard Bluetooth 5 SoC

**March 4, 2020** – [Mouser Electronics](http://www.mouser.com), Inc., the industry's leading New Product Introduction (NPI) distributor with the widest selection of semiconductors and electronic components, is now shipping the [QN9090DK](#) development kit from [NXP Semiconductors](http://www.nxp.com). Comprising a carrier board with NFC tag and multiple expansion options, plus a QN9090 module and expansion board, the QN9090DK kit allows design engineers to start evaluating the QN9090T *Bluetooth*® Low Energy system-on-chip (SoC).

[NXP's QN9090DK](#) development kit, available from Mouser Electronics, consists of a carrier board, M10 module, and expansion board. The carrier board incorporates an NFC tag and antenna, GPIO connector, external flash memory interface, LEDs, and Arduino headers to connect the expansion board. The expansion board contains switches, LEDs, a potentiometer, and other user-accessible features. The M10 module houses the QN9090T variant of the QN9090 and QN9030 SoCs.

The [QN9090 and QN9030](#) devices, coming soon to Mouser, are powered by an Arm® Cortex®-M4 processor running at 48 MHz. The SoCs include up to 640 Kbytes of onboard flash and 152 Kbytes of SRAM, providing storage space and flexibility for complex applications and safe over-the-air (OTA) updates. The QN9090 and QN9030 SoCs help accelerate development and time-to-market for developers creating products with rich features for diverse Internet of Things (IoT) applications such as personal healthcare devices, sports and fitness trackers, connected appliances, building and home automation, toys and gaming peripherals, as well as beacons and mesh networks.

The QN9090DK development kit comes with an integrated programmer and debugger along with a suite of example applications showcasing standard GATT profiles in a complete software development kit (SDK). The MCUXpresso SDK for QN is compatible with the latest toolchains from IAR and NXP MCUXpresso integrated development environment (IDE). The full MCUXpresso Suite of software and tools provides a seamless software experience across all NXP devices, as well as a fast path to add Bluetooth Low Energy capability to an existing design on other NXP devices.

As an authorized distributor, Mouser Electronics is focused on the rapid introduction of new products and technologies, giving customers an edge and helping speed time to market. Over 800 semiconductor and electronic component manufacturers count on Mouser to help them introduce their products into the global marketplace. Mouser's customers can expect 100% certified, genuine products that are fully traceable from each manufacturer.

To learn more, visit <https://www.mouser.com/new/nxp-semiconductors/nxp-qn9090dk-development-kit/>.

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 800 manufacturers. Mouser offers 27 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](http://www.mouser.com).

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