

## New Product Announcement

# Texas Instruments' IoT-Focused CC3120 SimpleLink Wi-Fi Network Processor Now at Mouser

**April 24, 2017** – [Mouser Electronics](http://www.mouser.com), Inc., the authorized global distributor with the newest semiconductors and electronic components, is now stocking the [CC3120 SimpleLink™ Wi-Fi network processor](#) from [Texas Instruments](http://www.ti.com) (TI). Part of TI's SimpleLink microcontroller platform, the CC3120 Wi-Fi Internet-on-a chip™ device is comprised of a wireless network processor and power management subsystems, featuring a dedicated ARM® Cortex®-M3 microcontroller. The device allows for optimal network flexibility and maximum connectivity for [Internet of Things](#) (IoT) solutions for a multitude of microcontroller applications.

The [TI CC3120](#) SimpleLink Wi-Fi network processor, available from Mouser Electronics, allows designers to run Wi-Fi and Internet protocols implemented in the ROM, which in turn runs its dedicated on-chip ARM Cortex-M3 network processor to significantly offload the host microcontroller and simplify system integration. The on-chip microcontroller helps to completely offload Wi-Fi and Internet protocols from the application microcontroller, handling all the details of Wi-Fi connectivity — including identity, data and code security — without requiring any host processor resources. To simplify the integration and development of networking applications, the CC3120 is supplied with a slim and user-friendly host driver that can be easily ported to most platforms and operating systems. This flexibility essentially enables a designer to connect to just about any microcontroller to the IoT cloud using the CC3120.

The CC3120 is supported by TI's SimpleLink Developers Ecosystem, which enables designers to reuse code and add any combination of the portfolio's devices into their design using a common development environment, core software development kit (SDK), and rich tool set. For development, Mouser is also stocking three [development tools](#): the CC3120 BoosterPack™ Plug-in-Module, the CC31XXEMUBOOST Advanced Emulation BoosterPack, and CC3220SF LaunchPad™ Development Kit.

Target IoT applications for the CC3120 include cloud connectivity, Internet gateways, home and building automation, appliances, access control, [security](#) systems, [smart energy](#), [industrial](#) control, [smart plug and metering](#), wireless [audio](#), IP network sensor nodes, asset tracking and [medical](#) devices.

To learn more about the CC3120 processor and associated development tools, visit <http://www.mouser.com/new/Texas-Instruments/ti-cc3120r-simplelink-processor/>.

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 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 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 4 million products from over 600 manufacturers. Mouser offers 22 support locations around the world to provide best-in-class customer service and ships globally to over 500,000 customers in 170 countries 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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– 30 –

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