



New Product Announcement

Mouser Electronics Now Stocking TI's CC3235x SimpleLink Dual-Band Wireless SoCs for IoT Applications

March 11, 2019 – [Mouser Electronics](#), Inc., the industry's leading New Product Introduction (NPI) distributor with the widest selection of semiconductors and electronic components, is now stocking [CC3235x](#) SimpleLink™ dual-band wireless systems-on-chip (SoCs) from [Texas Instruments](#) (TI). Integrating a high-performance application processor, network processor, and crypto engine in a single chip with a rich set of peripherals, the CC3235x SoCs are ideal for a wide range of [Internet of Things](#) (IoT), building automation, [security](#), and [health care](#) applications.

[TI's CC3235x](#) SimpleLink series SoCs, available from Mouser Electronics, provide a network processor to run all Wi-Fi and internet logical layers. The ROM-based subsystem completely offloads the host microcontroller and includes an 802.11a/b/g/n dual-band 2.4 GHz and 5 GHz radio, baseband, and MAC with a powerful hardware cryptography engine. The CC3235x devices feature new capabilities that simplify the connectivity of IoT applications. These features include 802.11a (5GHz) support, *Bluetooth*® Low Energy and 2.4 GHz radio coexistence, antenna selection, enhanced security with FIPS 140-2 Level 1 certification, up to 16 concurrent secure sockets, and a certificate sign request (CSR).

The CC3235x device is available in two variants: the CC3235S and CC3235SF. The CC3235S incorporates an Arm® Cortex®-M4 microcontroller with 256 Kbytes of RAM, IoT networking security, and device identity/keys. The CC3235SF builds on the CC3235S and adds a user-dedicated 1 Mbyte of executable flash in addition to the 256 Kbytes of RAM. Both variants offer microcontroller-level security features such as file system encryption, user IP (microcontroller image) encryption, secure boot, and debug security.

The CC3235x SoCs are supported by the TI [LAUNCHXL-CC3235x](#) LaunchPad™ development kit. The kit includes either a CC3235S or CC3235SF device, and features onboard emulation and [sensors](#) for a full out-of-the-box experience and rapid development. The board's 40-pin LaunchPad pinout enables designers to incorporate add-on boards from the BoosterPack™ ecosystem.

To learn more, visit www.mouser.com/ti-cc3235s-cc3235sf-mcu-solution.

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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