

New Product Announcement

TI's Fully Certified CC3235MODx Dual-Band Wireless Modules Now at Mouser Electronics

October 29, 2019 – [Mouser Electronics](http://www.mouser.com), Inc., the New Product Introduction (NPI) leader empowering innovation, is now stocking [CC3235MODx](#) SimpleLink™ dual-band wireless microcontroller modules from [Texas Instruments](http://www.ti.com) (TI). Integrating a high-performance application processor, network processor, and crypto engine in a single chip with a rich set of peripherals, the CC, ISED/IC, ETSI/CE, and MIC-certified CC3235MODx modules are ideal for a wide range of [Internet of Things](#) (IoT), building [automation](#), [security](#), and [health care](#) applications.

[TI's CC3235MODx](#) SimpleLink series modules, available from Mouser Electronics, integrate a 40-MHz crystal, 32.768-kHz RTC clock, SPI serial flash, RF filters, diplexer, and passive components, plus a network processor that runs all Wi-Fi and internet logical layers. The network processor 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 CC3235MODx devices feature new capabilities that simplify the connectivity of IoT applications. These features include 802.11a/n 5 GHz support, coexistence capabilities for radios in the 2.4 GHz band (such as *Bluetooth*® Low Energy), antenna selection, enhanced security with FIPS 140-2 Level 1 certification, up to 16 concurrent secure TCP/IP sockets, and a certificate sign request (CSR).

The CC3235MODx modules are available in two variants: the CC3235MODS and CC3235MODSF. The CC3235MODS incorporates an Arm® Cortex®-M4 microcontroller with 256 Kbytes of application RAM, IoT networking security, and device identity/keys. The CC3235MODSF builds on the CC3235MODS 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 CC3235MODx modules are supported by the TI [CC3235MODSF](#) LaunchPad™ development kit. The kit includes a CC3235MODSF module, and features onboard emulation using XDS-110, and a suite of [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. Engineers can connect the board directly to a PC for use with development tools such as Code Composer Studio™ integrated development environment (IDE) Cloud and IAR Embedded Workbench.

To learn more, visit www.mouser.com/ti-cc3235modx-wireless-mcus.

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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