

## New Product Announcement

# Mouser Now Shipping Texas Instruments' CC2564C Complete Dual-Mode Bluetooth HCI Solution

**February 15, 2017** – [Mouser Electronics](http://www.mouser.com), Inc., the New Product Introduction (NPI) leader that empowers innovation, is now stocking the [CC2564C Bluetooth®](#) controller from [Texas Instruments](http://www.ti.com) (TI). Designed as a complete, single-chip Bluetooth controller with Bluetooth Basic Rate (BR), Enhanced Data Rate (EDR) and Low Energy (LE) support, TI's CC2564C provides a product-proven solution that reduces design effort and enables faster time to market. The device ships with a royalty-free, dual-mode Bluetooth software stack for use with both microcontrollers and microprocessors that include multiple profiles with enhanced quality of service (QoS) and sample applications.

The [TI CC2564C](#) Bluetooth controller, available from Mouser Electronics, is based on TI's seventh-generation Bluetooth core and includes several on-chip peripherals that enable easy communication with a host system and the Bluetooth BR, EDR, and low-energy core. The device is Bluetooth 4.2 component qualified and, when coupled with a microcontroller unit, offers best-in-class [radio frequency](#) (RF) performance with approximately twice the range of other Bluetooth low energy solutions.

The CC2564C incorporates a host of [power-management](#) hardware and software algorithms that provide significant power savings and help to extend battery life. The [low-power](#) device offers advanced power management functionality as well independent buffering and built-in coexistence and prioritization handling for BR, EDR and low energy.

For development, the CC2564C is supported by an [CC256xCQFN-EM](#) evaluation module, which plugs into TI's [MSP432™ LaunchPad™](#) through the [BOOST-CCEMADAPTER](#) board. The CC2564C meets the needs of a variety of applications, including [Internet of Things](#) (IoT), wireless [audio](#), [medical](#) devices, wearable devices, [sensor](#) hubs, and home and factory [automation](#).

To learn more about the Texas Instruments CC2564C Bluetooth controller and evaluation module, visit <http://www.mouser.com/new/Texas-Instruments/ti-cc2564c-controller/>.

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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