

## TI's new development kit helps engineers quickly and easily design *Bluetooth*® technology-enabled applications based on Stellaris® microcontrollers

*Kit merges Stellaris ARM® Cortex™-M3 MCU performance with TI's seventh-generation CC2560 Bluetooth solution to enable streaming audio, data transfers and other advanced capabilities*

DALLAS, Texas, July 18 /PRNewswire/ -- Texas Instruments Incorporated (TI) (NYSE: TXN) today announced the Stellaris® 2.4 GHz CC2560 [Bluetooth® Wireless Kit](#) (DK-EM2-2560B), aimed at jumpstarting *Bluetooth*®-enabled designs. The kit includes the high-throughput, power-efficient CC2560 *Bluetooth* solution and proven *Bluetooth* stack within StellarisWare® software. The performance and integration of Stellaris MCUs pair with TI's leading *Bluetooth* solution to help developers address the demand for more streaming audio, remote control and data transfer in industrial and consumer applications. For complete details, visit [www.ti.com/bt-kit-2560b-pr-tf-eu](http://www.ti.com/bt-kit-2560b-pr-tf-eu) . For a video demonstration, visit [www.ti.com/bt-kt-pr-v-eu](http://www.ti.com/bt-kt-pr-v-eu).

With this offering, TI further expands its broad portfolio of complete microcontroller and wireless technology solutions, which includes 16- and 32-bit MCUs backed by ZigBee®, low-power wireless, RFID, and *Bluetooth* hardware and software. The Stellaris 2.4 GHz CC2560 *Bluetooth* Wireless Kit is modular and can be combined with the same Stellaris DK-LM3S9B96 Development Kit that serves as a baseboard for other Stellaris wireless solutions. When coupled with the DK-LM3S9B96 development board, the kit includes all hardware and software needed to jumpstart development. It also speeds the design process, as engineers are able to evaluate the working *Bluetooth* solution within 10 minutes or less using the included quick-start application.

### What's included in the Stellaris 2.4 GHz CC2560 *Bluetooth* Wireless Kit Software

- StellarisWare® software, including peripheral driver library and example source code
- Bluetopia® *Bluetooth* stack – developed by Stonestreet One and licensed, delivered and supported by TI – which includes the Serial Port Profile (SPP), Advanced Audio Distribution Profile (A2DP) and Audio Video Remote Control Profile (AVRCP) with sample applications

### Hardware

- Stellaris DK-LM3S9B96-EM2 Expansion Board
- PAN1323 Bluetooth v2.1 + Enhanced Data Rate (EDR) Module
- TI eZ430 USB emulator with Bluetooth target board and plastic cover
- Battery board
- Two AAA batteries
- Earbud headphones
- StellarisWare® CD

### Features and benefits of the Stellaris 2.4 GHz CC2560 *Bluetooth* Wireless Kit

Features	Benefits
<i>Bluetooth</i> 2.1 technology + EDR support	Best-in-class <i>Bluetooth</i> RF performance for robust, high-throughput wireless connection, extended range and better power efficiency

Complete, validated, certified, production-ready module (PAN1323 used for evaluation, PAN1315 or PAN1325 used for production)	Lower manufacturing and operating costs, save board space, ease certification, minimize RF expertise required
Sample applications for the Stellaris LM3S9000 series, with demos showing API usage provided in source code	Simplifies and reduces hardware and software development, allowing faster time-to-market

### Price and availability

The Stellaris 2.4 GHz CC2560 *Bluetooth* Wireless Kit (DK-EM2-2560B) is priced at \$199 US, and available to order today at [www.ti.com/bt-kit-2560b-pr-es-eu](http://www.ti.com/bt-kit-2560b-pr-es-eu). The DK-LM3S9B96 is sold separately for \$425 U.S., and available to order today at [www.ti.com/bt-kit-9b96-pr-es-eu](http://www.ti.com/bt-kit-9b96-pr-es-eu).

### TI's broad portfolio of MCUs, connectivity solutions and more

From general purpose, ultra-low power MSP430™ MCUs, to Stellaris ARM Cortex-M 32-bit MCUs and high performance, real-time control C2000™ MCUs, TI offers the broadest range of microcontroller solutions. Designers can accelerate time to market by tapping into TI's complete software and hardware tools, extensive third-party offerings and technical support.

TI provides the industry's broadest portfolio of mature, low-power wireless connectivity solutions. With expertise in more than a dozen technologies, TI ensures customers the best-suited wireless connectivity for every type of application. TI's product portfolio is complemented with the support and tools that customers and developers need to quickly and easily bring wirelessly connected designs to market. Visit the company's [Wireless Connectivity Portal](#) for an overview of TI-supported technologies, the full product portfolio, and example use cases.

### Find out more about TI's MCU and wireless connectivity solutions

- Purchase the Stellaris 2.4 GHz CC2560 *Bluetooth* Wireless Kit: [www.ti.com/bt-kit-2560b-pr-es-eu](http://www.ti.com/bt-kit-2560b-pr-es-eu)
- Stellaris + wireless connectivity solutions: [www.ti.com/bt-kit-pr-lp-eu](http://www.ti.com/bt-kit-pr-lp-eu)
- DK-LM3S9B96 development kit: [www.ti.com/bt-kit-9b96-pr-tf-eu](http://www.ti.com/bt-kit-9b96-pr-tf-eu)
- StellarisWare Software: [www.ti.com/bt-kit-sw-pr-lp-eu](http://www.ti.com/bt-kit-sw-pr-lp-eu)
- Stellaris 2.4 GHz CC2560 *Bluetooth* Wireless Kit Software: [www.ti.com/bt-kit-pr-sw-eu](http://www.ti.com/bt-kit-pr-sw-eu)
- MSP430 + wireless connectivity solutions: [www.ti.com/bt-kit-430rf-pr-lp-eu](http://www.ti.com/bt-kit-430rf-pr-lp-eu)
- TI's wireless connectivity portal: [www.ti.com/wirelessconnectivity](http://www.ti.com/wirelessconnectivity)

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### About Texas Instruments

Texas Instruments semiconductor innovations help 80,000 customers unlock the possibilities of the world as it could be – smarter, safer, greener, healthier and more fun. Our commitment to building a better future is ingrained in everything we do – from the responsible manufacturing of our semiconductors, to caring for our employees, to giving back inside our communities. This is just the beginning of our story. Learn more at [www.ti.com](http://www.ti.com).

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