

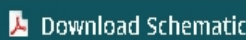
Worldwide (In English)

This reference design is an example of using the SimpleLink™ **Bluetooth low energy CC2540T** high temperature range **wireless microcontroller** in lighting applications. The board includes RGBW LEDs controlled by the CC2540T and is USB powered. The board can be controlled out-of-the-box by the **TI BLE Multitool** smart phone app.

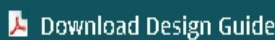
- Only **Bluetooth Smart** solution graded up to 125°C. Fits very well to any LED light solution
- Simple and "ready to go" design shortens time to market
- Example app works out-of-the box when broadcasting to the **TI BLE Multitool** app
- Full light control (power, color, color temperature) directly from your smart phone
- Fully tested design includes firmware, GUI, demo and getting started guide

i Fully assembled board (shown above) developed for testing and performance validation only, not available for sale

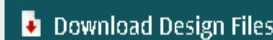
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Find the complete list of components in this reference design.



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Technical Documents

Title	Abstract	Type	Size (KB)	Date	Views
BLE Light Development Kit Quick Start Guide		PDF	319	05 Sep 2014	890

Title	Abstract	Type	Size (KB)	Date	Views
Bluetooth Low Energy Light Design Files		ZIP	1035	10 Sep 2014	312
Bluetooth Low Energy Light Bill of Materials (BOM)		PDF	124	10 Sep 2014	227
Bluetooth Low Energy Light Schematic		PDF	45	10 Sep 2014	1,042

Related Tools & Software

Software (1)



Applications

- Handset: Smartphone

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