

CYALKIT-E02 Solar-Powered BLE Sensor Beacon Reference Design Kit (RDK) Release Notes

Release Date: April 6, 2017

Thank you for your interest in the CYALKIT-E02 Solar-Powered BLE Sensor Beacon RDK. This document lists kit contents, installation requirements, kit documentation, limitations, and known issues.

Kit Contents

The CYALKIT-E02 Solar-Powered BLE Sensor Beacon RDK includes the following:

- One Solar-Powered BLE Sensor Beacon (Solar BLE Sensor)
 - Enclosure and board
- One BLE-USB Bridge and Debug Board
- Quick Start Guide

Software and Tools

The code examples shipped with this kit require PSoC® Creator™ 3.3 SP2 or later. This is available with the kit installer or on the PSoC Creator webpage (www.cypress.com/psoccreator).

PSoC Programmer 3.24.2 or later and KitProg v2.14 or later are required to program the Kit. PSoC Creator installation or the kit installation automatically installs PSoC Programmer and KitProg drivers.

Code Examples and Kit Collateral

The CYALKIT-E02 Solar-Powered BLE Sensor Beacon RDK webpage (www.cypress.com/CYALKIT-E02) includes the kit installation packages, DVD image (ISO), and setup files (EXE) to install the code examples, documents, and hardware files of this kit.

Installation

Installation instructions are provided in the CYALKIT-E02 Solar-Powered BLE Sensor Beacon RDK Kit Guide, which is available at www.cypress.com/CYALKIT-E02.

Kit Revision

This is the *C revision of the CYALKIT-E02 Solar-Powered BLE Sensor Beacon RDK.

This is a minor release for Cypress BLE-Beacon PC application, and iOS and Android 1.2 apps that adds support for Eddystone-UID/URL/TLM frame.

Limitations and Known issues

The following limitations and issues are known at the time of release of this kit. These will be addressed in future updates to the kit.

- The initial firmware programmed into the debug board does not support the CySmart™ software utility. Instead, the firmware is a custom version used to demonstrate the features of this kit.
- For limitations and known issues with the S6AE103A PMIC device, see the [S6AE103A datasheet](#).

- For limitations and known issues with the EZ-BLE™ PSoC™ module, see the [EZ-BLE PSoC Module datasheet](#).
- For limitations and known issues with PSoC Creator, see the [PSoC Creator release notes](#).

Documentation

The kit documents are located in the `Documentation` folder in the installation directory. The default location for the kit documents is:

```
<Install_Directory>\CYALKIT-E02 Solar-Powered BLE Sensor Beacon  
RDK\<version>\Documentation
```

Documents include:

- *CYALKIT-E02_Kit_Guide.pdf*
- *CYALKIT-E02_Quick_Start_Guide.pdf*
- *CYALKIT-E02_Release_Notes.pdf*
- *Cypress BLE-Beacon_PC_Release_Notes.pdf*
- *Cypress BLE-Beacon_Android_iOS_Release_Notes.pdf*
- *Cypress BLE-Beacon_Android_UserGuide.pdf*
- *Cypress BLE-Beacon_iOS_UserGuide.pdf*
- *Cypress BLE-Beacon_PC_UserGuide.pdf*
- *KitProg User Guide.pdf*

PSoC Creator documentation is available under the menu item **Help > Documentation**.

The default location for PSoC Creator documents is:

```
<Install_Directory>\PSoC Creator\<version>\PSoC Creator\documentation
```

The default location for PSoC Programmer documents is:

```
<Install_Directory>\Programmer\Documents
```

Technical Support

For assistance, go to www.cypress.com/support or contact our customer support at:

+1 (800) 541-4736 Ext. 2 (USA), or +1 (408) 943-2600 Ext. 2 (International).

Additional Information

- For more information about PSoC Creator functionality and releases, visit the PSoC Creator webpage: www.cypress.com/psoccreator
- For more information about PSoC Programmer and supported hardware, visit the PSoC Programmer webpage: www.cypress.com/psocprogrammer
- For a list of training material on PSoC Creator, visit www.cypress.com/go/creatorstart/creatortraining

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