

# Release Notes

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

Release Date: April 21, 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](http://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](http://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](http://www.cypress.com/CYALKIT-E02).

### Kit Revision

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

### 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™ PRoC™ module, see the [EZ-BLE PRoC 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](http://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](http://www.cypress.com/psoccreator)
- For more information about PSoC Programmer and supported hardware, visit the PSoC Programmer webpage: [www.cypress.com/psocprogrammer](http://www.cypress.com/psocprogrammer)
- For a list of training material on PSoC Creator, visit [www.cypress.com/go/creatorstart/creatortraining](http://www.cypress.com/go/creatorstart/creatortraining)



Cypress Semiconductor  
198 Champion Ct.  
San Jose, CA 95134-1709 USA  
[www.cypress.com](http://www.cypress.com)

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