

Release Notes CYALKIT-E03 Solar-Powered BLE Sensor Beacon 5 Pack

Release Date: June 8, 2016

Thank you for your interest in the CYALKIT-E03 Solar-Powered BLE Sensor Beacon 5 Pack. This document lists kit contents, installation requirements, kit documentation, limitations, and known issues.

Kit Contents

The CYALKIT-E03 Solar-Powered BLE Sensor Beacon 5 Pack includes the following:

- Five Solar-Powered BLE Sensor Beacons (Solar BLE Sensor)
 - o Enclosure and board
- Quick Start Guide

Software and Tools

The code examples shipped with this kit require $PSoC^{\otimes}$ Creator TM 3.3 SP2 or later. This is available with the kit installer or on the PSoC Creator web page.

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.

Kit Collateral

The CYALKIT-E03 Solar-Powered BLE Sensor Beacon 5 Pack web page includes the kit documents of this kit.

Installation

Installation instructions are provided in the CYALKIT-E03 Solar-Powered BLE Sensor Beacon 5 Pack Kit Guide, which is available at www.cypress.com/CYALKIT-E03.

Kit Revision

This is the initial revision (Rev. *A) of the CYALKIT-E03 Solar-Powered BLE Sensor Beacon 5 Pack.

Limitations and Known issues

- 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 following kit documentation is available on the web:

- CYALKIT-E03_Kit_Guide.pdf
- CYALKIT-E03_Quick_Start_Guide.pdf
- CYALKIT-E03_Release_Notes.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 trainings on PSoC Creator, visit www.cypress.com/go/creatorstart/creatortraining





Cypress Semiconductor 198 Champion Ct. San Jose, CA 95134-1709 USA Tel: 408.943.2600 Fax: 408.943.4730

Application Support Hotline: 425.787.4814 www.cypress.com

© Cypress Semiconductor Corporation, 2016. This document is the property of Cypress Semiconductor Corporation and its subsidiaries, including Spansion LLC ("Cypress"). This document, including any software or firmware included or referenced in this document ("Software"), is owned by Cypress under the intellectual property laws and treaties of the United States and other countries worldwide. Cypress reserves all rights under such laws and treaties and does not, except as specifically stated in this paragraph, grant any license under its patents, copyrights, trademarks, or other intellectual property rights. If the Software is not accompanied by a license agreement and you do not otherwise have a written agreement with Cypress governing the use of the Software, then Cypress hereby grants you a personal, non-exclusive, nontransferable license (without the right to sublicense) (1) under its copyright rights in the Software (a) for Software provided in source code form, to modify and reproduce the Software solely for use with Cypress hardware products, only internally within your organization, and (b) to distribute the Software in binary code form externally to end users (either directly or indirectly through resellers and distributors), solely for use on Cypress hardware product units, and (2) under those claims of Cypress's patents that are infringed by the Software (as provided by Cypress, unmodified) to make, use, distribute, and import the Software solely for use with Cypress hardware products. Any other use, reproduction, modification, translation, or compilation of the Software is prohibited.

TO THE EXTENT PERMITTED BY APPLICABLE LAW, CYPRESS MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, WITH REGARD TO THIS DOCUMENT OR ANY SOFTWARE OR ACCOMPANYING HARDWARE, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. To the extent permitted by applicable law, Cypress reserves the right to make changes to this document without further notice. Cypress does not assume any liability arising out of the application or use of any product or circuit described in this document. Any information provided in this document, including any sample design information or programming code, is provided only for reference purposes. It is the responsibility of the user of this document to properly design, program, and test the functionality and safety of any application made of this information and any resulting product. Cypress products are not designed, intended, or authorized for use as critical components in systems designed or intended for the operation of weapons, weapons systems, nuclear installations, life-support devices or systems, other medical devices or systems (including resuscitation equipment and surgical implants), pollution control or hazardous substances management, or other uses where the failure of the device or system could cause personal injury, death, or property damage ("Unintended Uses"). A critical component is any component of a device or system whose failure to perform can be reasonably expected to cause the failure of the device or system, or to affect its safety or effectiveness. Cypress is not liable, in whole or in part, and you shall and hereby do release Cypress from any claim, damage, or other liability arising from or related to all Unintended Uses of Cypress products. You shall indemnify and hold Cypress harmless from and against all claims, costs, damages, and other liabilities, including claims for personal injury or death, arising from or related to any Unintended Uses of Cypress products.

Cypress, the Cypress logo, Spansion, the Spansion logo, and combinations thereof, PSoC, CapSense, EZ-USB, F-RAM, and Traveo are trademarks or registered trademarks of Cypress in the United States and other countries. For a more complete list of Cypress trademarks, visit cypress.com. Other names and brands may be claimed as property of their respective owners.