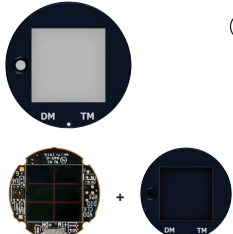




## SOLAR-POWERED BLE SENSOR BEACON RDK


① 

② 

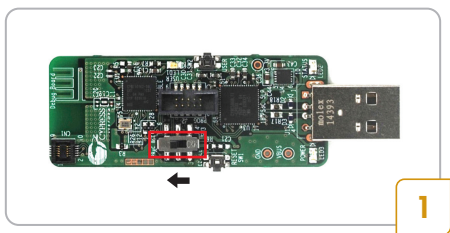
③ 

Kit Contents:

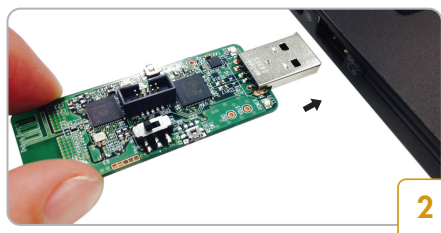
- 1 Solar-Powered BLE Sensor Beacon (Solar BLE Sensor)
- 2 BLE-USB Bridge and Debug Board (Debug Board)
- 3 Quick Start Guide (this document)



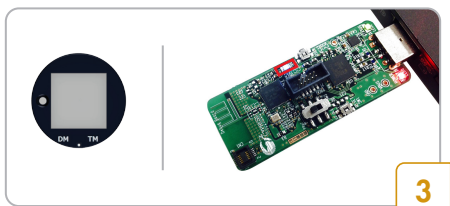
<http://www.cypress.com/CYALKIT-E02>



- Set the Slide Switch (SW3) on Debug Board to PRoC BLE side.



- Connect the Debug Board to your PC's USB port. This demo does not require installing the drives.



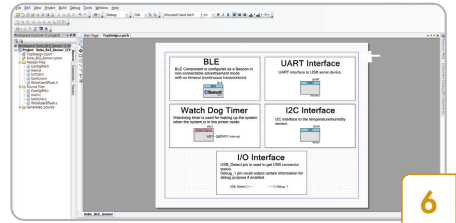
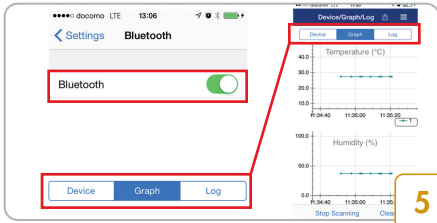
- Place the Solar BLE Sensor under an indoor light source.
- A Blue LED on the Debug Board will blink. Note that time interval of blinking is depended on light brightness, refer to following example. (Ex. 200 lux=1 min, 500 lux=30 sec, 1000 lux=10 sec)



- To evaluate the sensor data using Apps, please download the **Cypress BLE-Beacon** Apps from either App Store or Google play. Note that supported mobile devices are the following. iOS 8 or newer / Android 4.4 or newer

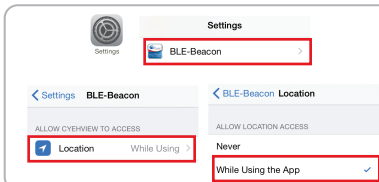
**Note:** If evaluating this demo near another Solar BLE Sensor or Solar-Powered IoT Device Kit, the Blue LED on Debug Board may blink continuously. In this case, disable transmitting BLE data of all other kit, then repeat step 3.

# SOLAR-POWERED BLE SENSOR BEACON RDK



- Turn ON the Bluetooth setting on your device, and then run the Cypress BLE-Beacon Apps.
- The Cypress BLE-Beacon window appears, and change the view mode to "Graph". You can check the sensor data on Graph window.

- To get started, download and install the Solar-Powered BLE Sensor Beacon RDK example projects, documents, and hardware design files from [www.cypress.com/CYALKIT-E02](http://www.cypress.com/CYALKIT-E02)



**Note:** If the sensor data does not appear on the Cypress BLE-Beacon of iOS, please confirm that "Location" settings is set to "While Using the App". (iOS: Home screen > Settings > BLE-Beacon > Location)

## Solar BLE Sensor Board Details

