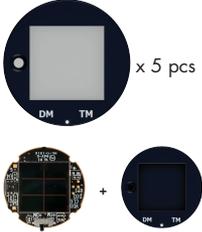


SOLAR-POWERED BLE SENSOR BEACON 5 PACK

①



x 5 pcs

②

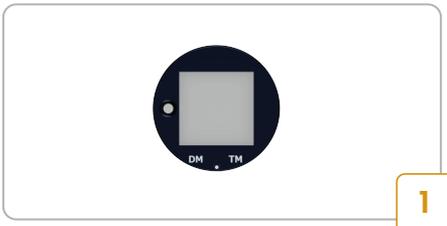


Kit Contents:

- Solar-Powered BLE Sensor Beacon (Solar BLE Sensor) x 5 pcs
- Quick Start Guide (this document)



<http://www.cypress.com/CYALKIT-E03>



- Place the Solar BLE Sensor under an indoor light source.



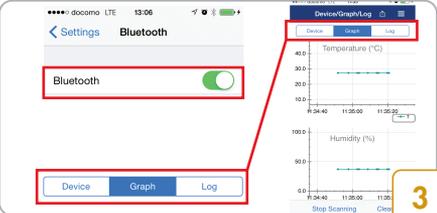

Cypress BLE-Beacon




Cypress BLE-Beacon

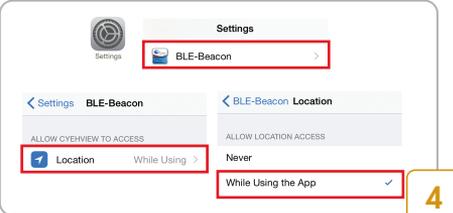
2

- Download the **Cypress BLE-Beacon** Apps from either App Store or Google play. Note that supported mobile devices are following. iOS 8 or newer / Android 4.4 or newer



3

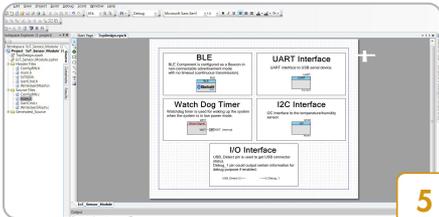
- Turn ON Bluetooth setting on your device, and then run the Cypress BLE-Beacon Apps.
- The Cypress BLE-Beacon window appears, and change the view mode to "Graph". You can check the sensor data on Graph window.



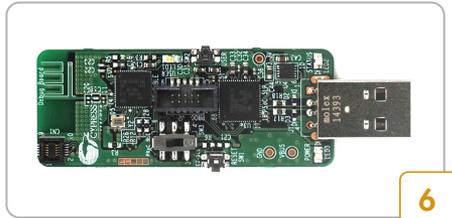
4

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

SOLAR-POWERED BLE SENSOR BEACON 5 PACK



5

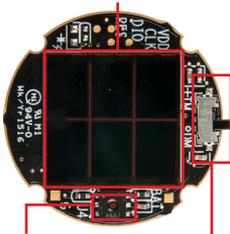


6

- Download the documents from www.cypress.com/CYALKIT-E03
- The CYALKIT-E03 is Expansion pack of CYALKIT-E02 Solar-Powered BLE Sensor Beacon RDK. Download the CYALKIT-E02 example projects, documents, and hardware design files from www.cypress.com/CYALKIT-E02
- To program, debug and set the parameters on Solar BLE Sensor, you need at least one Debug Board (Not included in the package) that is including in CYALKIT-E02 Solar-Powered BLE Sensor Beacon RDK

Solar BLE Sensor Board Details

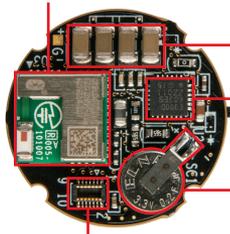
15 x 15 mm
Solar Cell



Temperature and
Humidity Sensor

Slide Switch for
S6AE103A mode select

EZ-BLE™ PRoC™
Module



400 µF
Storage Capacitor

Energy Harvesting Power
Management IC
S6AE103A

0.2 F Super
Capacitor

Connector for Power,
SWD, UART, GPIO