



# CY8CKIT-062-WiFi-BT PSoC® 6 WiFi-BT Pioneer Kit Release Notes

Release Date: February 23, 2018

Thank you for your interest in the CY8CKIT-062-WiFi-BT PSoC® 6 WiFi-BT Pioneer Kit. This document lists kit contents, installation requirements, kit documentation, limitations, and known issues.

## Kit Contents

The CY8CKIT-062-WiFi-BT PSoC® 6 WiFi-BT Pioneer Kit box includes the following:

- PSoC 6 WiFi-BT Pioneer Board
- CY8CKIT-028-TFT Display Shield
- USB Type-A to Type-C Cable
- Six wires
  - Four jumper wires (4 inches each)
  - Two proximity sensor wires (5 inches each)
- Quick Start Guide

## Software and Tools

This kit's code example require PSoC Creator™ 4.2 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 3.27 or later and KitProg2 v1.05 or later are required to program the [PSoC 6 MCU](#) on the kit. The PSoC Creator installer or the kit installer automatically installs PSoC Programmer and KitProg2 drivers.

Download and install [WICED Studio 6.1](#) that is required to evaluate the code example of PSoC 6 with WiFi. Follow the onscreen instructions to install the required software and tools.

## Code Examples and Kit Collateral

The CY8CKIT-062-WiFi-BT PSoC 6 WiFi-BT Pioneer Kit [webpage](#) includes the setup files (EXE) to install the code examples, documents, and hardware files of the kit.

## Installation

Installation instructions are provided in the CY8CKIT-062-WiFi-BT PSoC 6 WiFi-BT Pioneer Kit Guide, which is available at [www.cypress.com/CY8CKIT-062-WIFI-BT](http://www.cypress.com/CY8CKIT-062-WIFI-BT).

## Kit Revision

This is the initial revision (Rev. \*\*) of the CY8CKIT-062-WiFi-BT PSoC 6 WiFi-BT Pioneer Kit. The code examples shipped with the kit are developed using PSoC Creator 4.2 and WICED 6.1.

## Limitations and Known Issues

- **Issue:** TFT display operation at 1.8 V is currently not supported in this version of the kit.  
**Workaround:** Ensure that SW5 is either set at the 3.3 V position or the 1.8 V - 3.3 V VARIABLE position with PSoC Programmer selecting a voltage of 2.5 V or higher in the latter case when the CY8CKIT-028-TFT Display Shield is mounted on the PSoC 6 WiFi-BT Pioneer Board.



- **Issue:** The PSoC 6 MCU resets during a wake-up event from Deep Sleep power mode if the following conditions are met:
  - Deep-Sleep duration is longer than 30 ms
  - 1.1 V LDO is used to power VCCD
  - VDD is set to 1.8 V

**Workaround:** If the Deep Sleep duration is longer than 30 ms, either use the 0.9 V/1.1 V SIMO buck or select a VDD higher than 1.8 V using the VDD selection switch (SW5) on the kit.

- **Issue:** Limitations occur when programming the kit using a Windows 7 environment with WICED Studio 6.1.

**Workaround:** Use Windows 10 environment with WICED Studio 6.1 when programming the kit.

## Documentation

The kit documents are located in the *Documentation* folder in the installation directory. The default location for the kit documents is: `<Install_Directory>\CY8CKIT-062-WiFi-BT PSoC 6 WiFi-BT Pioneer Kit<version>\Documentation`.

Documents include:

- *CY8CKIT-062-WiFi-BT\_Kit\_Guide.pdf*
- *CY8CKIT-062-WiFi-BT\_Quick\_Start\_Guide.pdf*
- *CY8CKIT-062-WiFi-BT\_Release\_Notes.pdf*

Open PSoC Creator. On the Start Page, select **Start > Kits > CY8CKIT-062-WiFi-BT** from the right panel for links to the kit documentation. Expand **CY8CKIT-062-WiFi-BT** for kit code examples. General PSoC Creator documentation is available in **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. 3 (in the USA), or +1 (408) 943-2600 Ext. 3 (International).

## Additional Information

- For more information about WICED Studio functionality and releases, visit the WICED Software webpage: <http://www.cypress.com/products/wiced-software>.
- 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 trainings on PSoC Creator, visit [www.cypress.com/training](http://www.cypress.com/training)



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