

CY8CKIT-062-WIFI-BT PSoC™ 6 Wi-Fi Bluetooth® Pioneer Kit release notes

About this document

Scope and purpose

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

Intended audience

This document is intended for embedded developers using the CY8CKIT-062-WIFI-BT PSoC™ 6 Wi-Fi Bluetooth® Pioneer Kit.

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Release contents

1 Release contents

1.1 Kit contents

The CY8CKIT-062-WIFI-BT PSoC™ 6 Wi-Fi Bluetooth® Pioneer Kit box includes the following:

- PSoC™ 6 Wi-Fi Bluetooth® 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

Tool information

2 Tool information

2.1 Software and tools

This kit's code examples require ModusToolbox™ 3.1 or later. This is available on [ModusToolbox™](#) webpage.

KitProg3 firmware v2.30 or later are required to program the [PSoC™ 62 MCU](#) on the kit. The ModusToolbox™ installer automatically installs KitProg3 drivers.

2.2 Code examples and kit collateral

The CY8CKIT-062-WIFI-BT PSoC™ 6 Wi-Fi Bluetooth® Pioneer Kit [webpage](#) includes the documents and hardware files of the kit. The code examples are available on the Infineon [GitHub repository](#).

2.3 Installation

See the kit guide available at the [webpage](#) for installation instructions.

2.4 Kit revision

This is the Rev *F revision of the CY8CKIT-062-WIFI-BT PSoC™ 6 Wi-Fi Bluetooth® Pioneer Kit (see kit revision on the box). The code examples shipped with the kit are developed using ModusToolbox™ 3.1.

*Note: CyInstaller for the kit is discontinued from Rev *F of the kit. All kit collateral can be obtained from the kit [webpage](#).*

*Note: The PSoC™ Creator and the WICED™ Studio based code examples are discontinued from revision Rev *F of the kit. Instead, the ModusToolbox™ based code examples with similar functionalities are introduced in this revision.*

2.5 Limitations and known issues

The following are the limitations and known issues in this revision of the kit.

- **Issue:** In the Rev *F version of the kit, the silkscreen on the board shows KitProg2. However, the KitProg3 is loaded on the kit.
Workaround: None. This will be addressed in a future revision of the kit.
- **Issue:** When switch, SW7 is changed to SUPERCAP/PSOC6 position, the board does not get powered properly. The power LED and TFT display start flickering.
Workaround: Starting with Rev *F of the kit, the super capacitor is removed. Therefore, you must keep SW7 at VDDD/KITPROG3 position. If not, the kit will be unpowered, and you will notice flickering on the TFT display
- **Issue:** TFT display operation at 1.8 V is currently not supported in this version of the kit.
Workaround: Do the following:
 1. Set SW5 either at the 3.3 V position or the 1.8 V to 3.3 V VARIABLE position.
 2. If SW5 is set to the VARIABLE position, in PSoC™ Programmer, select a voltage of 2.5 V or higher.

Tool information

- **Issue:** 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.

2.6 Documentation

Kit documents are available on the kit [webpage](#).

Documents include:

- CY8CKIT-062-WIFI-BT kit guide
- CY8CKIT-062-WIFI-BT quick start guide
- CY8CKIT-062-WIFI-BT release notes

2.7 Technical support

For assistance, go to [Infineon support](#). Visit community.infineon.com to ask your questions in the developer community.

2.8 Additional information

- For more information about PSoC™ 6 MCU, associated documentation, and software, visit [PSoC™ 6](#) page.
- For more information about ModusToolbox™ functionality and releases, visit the ModusToolbox™ [webpage](#).
- For a list of training on ModusToolbox™, visit [GitHub](#) page.

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