CYW9P62S1-43438EVB-01 PSoC 62S1 Wi-Fi BT Pioneer Kit Release Notes

Release Date: November 12, 2019

Thank you for your interest in the CYW9P62S1-43438EVB-01 PSoC® 62S1 Wi-Fi BT Pioneer Kit. This document lists kit contents, installation requirements, kit documentation, limitations, and known issues.

Kit Contents

The CYW9P62S1-43438EVB-01 PSoC 62S1 Wi-Fi BT Pioneer Kit box includes the following:

- PSoC 62S1 Wi-Fi BT Pioneer Board
- USB Type-A to Micro-B cable
- Four jumper wires (4 inches each)
- Two jumper wires (5 inches each)
- Quick Start Guide

Software and Tools

This kit's code example requires ModusToolbox™ 2.0. This is available on ModusToolbox webpage. Refer to the Kit Guide for details.

KitProg3 firmware v1.13 or later is required to program the PSoC 6 MCU device on the kit. The ModusToolbox installer automatically installs KitProg3 drivers.

Code Examples and Kit Collateral

The CYW9P62S1-43438EVB-01 PSoC 62S1 Wi-Fi BT Pioneer Kit webpage includes the documents and hardware files of the kit. The code examples are available on the Cypress' GitHub repository.

Installation

All required software installation instructions are provided in the Kit Guide, which is available on the kit webpage.

Kit Revision

This is the initial revision (Rev **) of the CYW9P62S1-43438EVB-01 PSoC 62S1 Wi-Fi BT Pioneer Kit.

Limitations and Known Issues

The following are the limitations and known issues in this revision of the CYW9P62S1-43438EVB-01 PSoC 62S1 Wi-Fi BT Pioneer Kit. These issues will be resolved in future revisions of this kit.

Issue: When the kit is powered through MCU USB connector (J7) and PSoC 6 MCU VDD current measurement jumper (J15) is removed, the PSoC 6 MCU is back-powered. The back-powered voltage on P6_VDD domain is around 2.3V.

Workaround: No workaround available. Back-powering occurs through U19 and it can be removed if removal of J15 is necessary.

Documentation

The kit documents are available on the CYW9P62S1-43438EVB-01 PSoC 62S1 Wi-Fi BT Pioneer Kit webpage.

Documents include:

- CYW9P62S1-43438EVB-01 PSoC 62S1 Wi-Fi BT Pioneer Kit Guide
- CYW9P62S1-43438EVB-01 PSoC 62S1 Wi-Fi BT Pioneer Kit Quick Start Guide
- CYW9P62S1-43438EVB-01 PSoC 62S1 Wi-Fi BT Pioneer Kit Release Notes

Technical Support

For assistance, go to 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 PSoC 6 MCU, associated documentation, and software, visit www.cypress.com/psoc6.
- For more information about CYW43438 Wi-Fi + Bluetooth Combo Chip, visit www.cypress.com/documentation/datasheets/cyw43438-single-chip-ieee-80211ac-bgn-macbasebandradio-integrated-bluetooth.
- For more information about ModusToolbox functionality and releases, visit the ModusToolbox webpage: www.cypress.com/modustoolbox.
- For a list of trainings on ModusToolbox, visit www.cypress.com/training.

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