



CY4532 EZ-PD™ CCG3PA Evaluation Kit (EVK) Release Notes

Release Date: December 19, 2017

Thank you for your interest in the CY4532 EZ-PD™ CCG3PA (Cypress's USB Type-C and Power Delivery controller) Evaluation Kit (EVK). This document lists the kit contents, installation instructions, and the known limitations.

Kit Contents

The CY4532 EZ-PD CCG3PA EVK includes the following:

- CY4532 EZ-PD CCG3PA EVK Power Board
- CY4532 EZ-PD CCG3PA EVK Main Board (pre-mounted on the CY4532 Power Board)
- 12 V 50.4 W AC/DC Power Adapter
- Quick Start Guide

Installation

Download the *CY4532Setup.exe* file from www.cypress.com/CY4532. Run the EXE file and follow the installation instructions described in the Kit Guide. After the successful installation go to the *<Install Directory>\CY4532 EZ-PD CCG3PA EVK\1.0* directory to access the Documents, Hardware Files and Firmware.

Note: On Windows 32-bit platforms, the default *<Install Directory>* is *C:\Program Files\Cypress*, and on Windows 64-bit platforms, it is *C:\Program Files (x86)\Cypress*.

Software and Tools

The CY4532 Installer also installs the EZ-PD Configuration Utility at *<Install Directory>\EZ-PD Configuration Utility*. This utility is used to update the firmware and configuration settings on the CY4532 EVK.

Kit Revision

This is the updated revision (Rev. *A) of the kit. Following are the changes implemented in this revision:

- The kit is now shipped with a higher wattage AC/DC Power Adapter. Wattage rating is increased from 24 W to 50.4 W.
- Support for Qualcomm Quick Charge (QC) 4.0 and Programmable Power Supply (PPS) features are added in the Power Adapter firmware shipped with this revision of the kit.
- The functionality of LED located on the Power Board is changed to continuously glow green when the kit hardware is in the powered state.
- The USB mini-B connector on the CY4532 Power Board (J12) is replaced by a USB Micro-B connector.

Limitations and Known Issues

- 1 Issue** 1-cell mode operation in Power Bank application is not supported when the current firmware (version 3.1.2.1511) is loaded on the earlier revision (Rev **) of the kit hardware.
- Note:** The revision of the kit can be identified from the label on the bottom side of the CY4532 kit box.
- Fix Plan** None. It is recommended to use 2-cell mode operation in Power Bank application which is the default mode of operation.
- 2 Issue** OCP (Over Current Protection) and SCP (Short Circuit Protection) are not supported when the current firmware (version 3.1.2.1511) is loaded on the earlier revision (Rev **) of the kit hardware.
- Fix Plan** None. It is recommended to disable OCP and SCP features in the firmware using EZ-PD Configuration Utility prior to using the current firmware (version 3.1.2.1511) on the earlier revision (Rev **) of kit hardware.

Documentation

The following kit documents are available at <Install Directory>\CY4532 EZ-PD CCG3PA EVK\1.0\Documentation\

- *CY4532 Kit Guide.pdf*
- *CY4532 Quick Start Guide.pdf*
- *CY4532 Release Notes.pdf*

Silicon Errata

To access the latest version of silicon errata, refer to the EZ-PD CCG3PA USB Type-C and Power Delivery controller datasheet available at www.cypress.com/CCG3PA.

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).



Cypress Semiconductor
198 Champion Ct.
San Jose, CA 95134-1709 USA
Tel: 408.943.2600
Fax: 408.943.4730
Application Support Hotline: 425.787.4814
www.cypress.com

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