EZ-PD™ BCR HPI Utility release notes

About this document

Scope and purpose

Thank you for your interest in EZ-PD™ BCR HPI Utility 2.0. This document lists the installation requirements and describes the software updates and changes.

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1 Release contents

1.1 System requirements and recommendations

Hardware/OS requirements	Minimum	Recommended
Free hard drive space	7 MB	–
Screen resolution	800 x 600	1920 x 1080
USB	Full Speed	2.0 Hi-Speed
Windows 7 SPI, Windows 8, or Windows 10	✓	✓

Software prerequisites	Minimum	Recommended
.NET Framework	4.5	–
PSoC™ Programmer	3.28.6	3.29.0 or later
EZ-PD™ Configuration Utility	1.3.3	–

2   Tool information

2.1   Installation

Download and install the latest version of the EZ-PD™ BCR HPI Utility from the following web pages.

- **www.infineon.com/CY4533**
- **www.infineon.com/CY4534**
- **www.infineon.com/CY4535**

You should uninstall any previous versions of the utility before installing the new version. To uninstall the software, use Cypress Update Manager or go to **Start** > **Control Panel** > **Programs and Features** and uninstall EZ-PD™ BCR HPI Utility 1.0.

By default, the utility is installed under the *C:\Users\<User ID>\EZ-PD BCR HPI Utility* folder.

2.2   Supported kits and devices

This version of the EZ-PD™ BCR HPI Utility has been tested with the following BCR kits from Infineon:

- CY4533 EZ-PD™ BCR Evaluation Kit (EVK)
- CY4534 EZ-PD™ BCR-PLUS Evaluation Kit (EVK)
- CY4535 EZ-PD™ BCR-LITE Evaluation Kit (EVK)

2.3   EZ-PD™ BCR HPI Utility 2.1.0.3 limitations

Error message "Cannot find BCR devices" appears when one of the following activities are performed using the EZ-PD BCR HPI Utility. If the message appears, disconnect the respective EVK connected to the PC and re-connect it.

1. Launching EZ-PD™ Configuration Utility. In addition, the following commands cause disconnection:
   - File > Read from Device
   - Tools > Firmware Update
   - Tools > EMCA Batch Programmer
   - Tools > Manufacturing Test Kit
   - Tools > Configure Device
2. Launching Infineon USB-Serial Configuration Utility.
3. Launching Infineon USB Serial Test Utility.

2.4   Changes from EZ-PD™ BCR HPI 1.0.0.28 to 2.1.0.3

1. Added support for the following BCR EVKs which have an onboard USB-Serial device.
   a. CY4534 EZ-PD™ BCR-PLUS EVK for CYPD3176 device of the BCR product family
   b. CY4535 EZ-PD™ BCR-LITE EVK for CYPD3178 device of the BCR product family
2. Added the **Adapter-PPS** tab for supporting the Sink PPS feature for CYPD3176 device
3. Disabled the **GPIO** tab for CYPD3176 and CYPD3178 devices
4. Added the **Config** tab to support the following features:

Feature	CYPD3176	CYPD3178
Consumer FET control	✓	✓

Tool information

Feature	CYPD3176	CYPD3178
Safe PWR EN FET control	✓	✓
Fault reporting setting	✓	✓
Legacy Charging enable/disable	✓	✓
OVP threshold, debounce, and enable/disable	✓	✓
OCP threshold, debounce, and enable/disable	✓	
OTP threshold, debounce, and enable/disable	✓	

5. Added the 'Refresh' button to list connected MiniProg or USB-Serial devices

6. Updated the 'Status' in the Type-C Information window to display the part name of connected BCR devices

2.5 Documentation

See the Help menu for the user manual in PDF format. Press **F1** to access the context-sensitive Help.

2.6 Technical support

For assistance, go to Infineon Developer Community (**https://community.infineon.com/**) first to search for or start discussion or visit to **https://www.infineon.com/support**.

2.7 Additional information

- For more information on EZ-PD™ BCR HPI Utility, visit the following web page:

  www.infineon.com/CY4533

  www.infineon.com/CY4534

  www.infineon.com/CY4535

- For more information on Infineon USB Type-C Controller Solutions, visit
  https://www.infineon.com/cms/en/product/universal-serial-bus-usb-power-delivery-controller/usb-c-and-power-delivery

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