CY4500-EPR EZ-PD™ Protocol Analyzer release notes

About this document

Thank you for your interest in the CY4500-EPR EZ-PD™ Protocol Analyzer. This document lists the kit contents, installation instructions, and known limitations.

Intended audience

This document is intended for anyone who uses the Infineon CY4500-EPR EZ-PD™ Protocol Analyzer.

Table of contents

About this document **1**
Table of contents **2**
1 Release contents **3**
1.1 Kit contents 3
2 Tool information **4**
2.1 Software, tools and installation 4
2.2 Hardware requirement 4
2.3 Kit version 4
2.4 Warnings 4
2.5 Known issues 4
2.6 Documentation 4
2.7 Technical support 4

1 Release contents

1.1 Kit contents

CY4500-EPR EZ-PD™ Protocol Analyzer Kit includes the following:

- CY4500-EPR EZ-PD™ Protocol Analyzer Hardware enclosed in casing
- USB 2.0 Type -A to Micro-B cable
- Six jumper wires
- Quick start guide

2 Tool information

2.1 Software, tools and installation

CY4500-EPR EZ-PD™ Protocol Analyzer Kit comes with the full package of documentation. Supports power measurement of extended power range (up to 48 V 5 A). Captures protocol message on CC lines. Capable of decoding both Standard Power Range / Extended Power Range messages.

Download the latest EZ-PD™ Protocol Analyzer Utility software setup file from Infineon's website EZ-PD™ Protocol Analyzer Utility. This package contains the software for running the analyzer and the relevant documentation (user guide and quick start guide). Double-click on the executable to start the installation.

2.2 Hardware requirement

The following hardware is essential to perform the demos documented in the kit user guide.

See the CY4500-EPR kit user guide for additional details.

- A USB-C power adapter (max 240 W) that can supply power over the Type-C port
- USB-C EPR cable (if not already provided with the USB-C power adapter) for connecting the USB Type-C power adapter to the Type-C receptacle on the CY4500-EPR Kit
- CY7113 EZ PD™ PMG1S3 prototyping kit as a sink

2.3 Kit version

This is the initial revision (rev. **) of this kit.

2.4 Warnings

Usage of the CY4500-EPR Kit involves dealing with up to 240 W of power consumption. It is expected that the kit usage is done by or in presence of professionals and experts who are aware of proper usage of power supplies. Failure to set up the kit properly or not operating the demonstrations as documented in the user guide results in significant damage to other equipment or the environment in which the kit is being used.

2.5 Known issues

- Trigger feature is not supported in this release
- The maximum voltage measured on the CC lines is 3.3 V

2.6 Documentation

The following kit documents are available on the kit webpage.

- CY4500-EPR EZ-PD™ Protocol Analyzer Utility user guide
- CY4500-EPR EZ-PD™ Protocol Analyzer quick start guide
- CY4500-EPR EZ-PD™ Protocol Analyzer release notes

2.7 Technical support

For more information, go to www.infineon.com/support or community.infineon.com to post the questions in the Infineon developer community.

Trademarks
All referenced product or service names and trademarks are the property of their respective owners.

Edition 2024-04-22

Published by

Infineon Technologies AG

81726 Munich, Germany

© 2024 Infineon Technologies AG. All Rights Reserved.

Do you have a question about this document?

Email: erratum@infineon.com

Important notice
The information given in this document shall in no event be regarded as a guarantee of conditions or characteristics ("Beschaffenheitsgarantie")

With respect to any examples, hints or any typical values stated herein and/or any information regarding the application of the product, Infineon Technologies hereby disclaims any and all warranties and liabilities of any kind, including without limitation warranties of non-infringement of intellectual property rights of any third party.

In addition, any information given in this document is subject to customer's compliance with its obligations stated in this document and any applicable legal requirements, norms and standards concerning customer's products and any use of the product of Infineon Technologies in customer's applications.

The data contained in this document is exclusively intended for technically trained staff. It is the responsibility of customer's technical departments to evaluate the suitability of the product for the intended application and the completeness of the product information given in this document with respect to such application.

Warnings
Due to technical requirements products may contain dangerous substances. For information on the types in question please contact your nearest Infineon Technologies office.

Except as otherwise explicitly approved by Infineon Technologies in a written document signed by authorized representatives of Infineon Technologies, Infineon Technologies' products may not be used in any applications where a failure of the product or any consequences of the use thereof can reasonably be expected to result in personal injury.