Release Notes

CY8CKIT-035 PSoC® 3 and PSoC 5LP Power Supervision Expansion Board Kit

Release Date: November 23, 2015

Thank you for your interest in the CY8CKIT-035 PSoC® 3 and PSoC 5LP Power Supervision Kit. This document lists kit contents, installation instructions, updates, limitations, and known issues with the kit.

Kit Contents

The CY8CKIT-035 Power Supervision Expansion Board Kit includes the following:

- PSoC Power Supervision Expansion Board
- DC Power Adapter (12 V/3 A)
- Quick Start Guide

Updates

The following is a list of the updates made to this revision of the kit:

- The code examples are updated to support PSoC Creator™ 3.3 Component Pack 1.
- The code examples are updated to support PSoC 5LP.
- Code example 2 is updated to include PMBus and interface with the PSoC Power Supervision Tool, which is also included as part of the kit.

Kit Revision

This is revision *C of the CY8CKIT-035 Power Supervision Expansion Board Kit. This revision requires PSoC Creator 3.3 Component Pack 1 or later, which provides updated power supervision components.

Installation

Installation instructions are provided in the CY8CKIT-035 Power Supervision Expansion Board Kit User Guide, available at www.cypress.com/go/CY8CKIT-035.

Limitations and Known Issues

This revision of the Power Supervision Expansion Board Kit has the following limitations and known issues. They will be resolved in future revisions of the kit.

- When running code example 2 on the Power Supervision Expansion Board Kit, the project should be built using “Release” Mode. If the project is built using “Debug” mode and the PSoC Power Supervision Tool is used to configure a trim voltage that is outside the define “Max Voltage” and “Min Voltage” range of the Trim and Margin component customizer, it will result in a halt of the CPU. This will cause a reset of the PSoC device.
- For limitations and known issues with the PSoC 3 silicon, see the PSoC 3 datasheet.
- For limitations and known issues with the PSoC 5LP silicon, see the PSoC 5LP datasheet.
- For limitations and known issues with PSoC Creator, see the PSoC Creator 3.3 Component Pack 1 release notes.

Documentation

The kit documents are located in the `Documentation` folder in the installation directory:

The default location for the kit documents is:

`<Install_Directory>\CY8CKIT-035 EBK\<version>\Documentation`

Documents include:

- *CY8CKIT-035_Kit_Guide.pdf*
- *CY8CKIT-035_Quick_Start_Guide.pdf*
- *CY8CKIT-035_Release_Notes.pdf*
- Supporting device datasheets

After opening PSoC Creator, view the documentation in **Help** > **Documentation**.

The default location for PSoC Creator documents is:

`<Install_Directory>\PSoC Creator\<version>\PSoC Creator\Documentation`

The default location for PSoC Programmer documents is:

`<Install_Directory>\Programmer\Documents`

Technical Support

For assistance, go to www.cypress.com/support or contact our customer support at +1 (800) 541-4736 Ext. 2 (in the USA), or +1 (408) 943-2600 Ext. 2 (International).

Additional Information

- For more information on the Cypress offerings for power supervision, visit www.cypress.com/go/powersupervision
- For more information about PSoC Creator functionality and releases, visit the PSoC Creator web page: www.cypress.com/psoccreator
- For more information about PSoC Programmer and supported hardware, visit the PSoC Programmer web page: www.cypress.com/psocprogrammer
- For a list of trainings on PSoC Creator, visit www.cypress.com/go/creatorstart/creatortraining

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