Release Notes

CY8CKIT-025 PSoC® Precision Analog Temperature Sensor Expansion Board Kit

Release Date: August 17, 2016

Thank you for your interest in the CY8CKIT-025 PSoC® Precision Analog Temperature Sensor Expansion Board Kit (EBK). This document lists installation requirements, software and hardware updates, limitations, and known issues with the kit.

Installation

To install, insert the kit CD into your PC's CD-ROM drive. If the installer does not start automatically, run *cyautorun.exe* in the root directory of the CD/DVD. Follow the installation instructions provided in the kit guide to install the kit.

Note: To uninstall the kit in Windows XP, go to **Start > Control Panel > Add or Remove Programs**; in Windows 7, go to **Start > Control Panel > Programs > Uninstall a Program**. Click the **Remove** button in Windows XP and **Uninstall/Remove** button in Windows 7 adjacent to the particular software.

Kit Revision

This is Rev. *G version of the CY8CKIT-025 Precision Analog Temperature Sensor EBK. In this revision, the code examples shipped with the kit are updated to support PSoC Creator 3.3 CP3.

Limitations and Known Issues

- Exercise caution when connecting a long thermocouple to the CY8CKIT-025 Precision Analog Temperature Sensor EBK.
- Thermistor temperature measurement is not accurate when CY8CKIT-025 is used with the CY8CKIT-001 PSoC Development Kit. See the kit guide for more information.
- After programming the CY8CKIT-001 PSoC Development Kit, remove the MiniProg3 connection; otherwise, it will affect sensor readings.
- When you use CY8CKIT-001 PSoC Development Kit with CY8CKIT-025, touching the prototype area (onboard slider) can cause erratic behavior on temperature display readings.
- The gain error of the PSoC 5LP silicon (0.4 percent) is higher than that of PSoC 3 (0.2 percent). The temperature error may also increase when using PSoC 5LP. As the production process improves, PSoC 5LP will have the same gain error as that of PSoC 3.

Documentation

Kit documents are located in the `Documentation` folder on the kit CD. They are also available at the install location: `<Install_Directory>\PSoC Precision Analog EBK\<version>\Documentation`. Refer to:

- *CY8CKIT-025_PSoC Precision Analog EBK_Guide.pdf*
- *CY8CKIT-025_PSoC Precision Analog EBK_Quick_Start_Guide.pdf*

The release notes are available at the following location: `<Install_Directory>\PSoC Precision Analog EBK\<version>\Documentation\Release_Notes`. Refer to:

- *CY8CKIT-025_Release_Notes.pdf*

When you open PSoC Creator, the documentation is available in **Help > Documentation**.

The default location for PSoC Creator documents is:

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

Technical Support

For assistance, go to www.cypress.com/go/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 about PSoC Creator functionality and releases, visit the PSoC Creator webpage: www.cypress.com/go/psoccreator
- For more information about PSoC Programmer, and supported hardware, visit the PSoC Programmer webpage: www.cypress.com/go/psocprogrammer
- For a list of trainings on PSoC Creator, visit www.cypress.com/training

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