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## Release Notes

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

Release Date: March 14, 2017

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](http://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](http://www.cypress.com/go/psoccreator)
- For more information about PSoC Programmer, and supported hardware, visit the PSoC Programmer webpage: [www.cypress.com/go/psocprogrammer](http://www.cypress.com/go/psocprogrammer)
- For a list of trainings on PSoC Creator, visit [www.cypress.com/training](http://www.cypress.com/training)



Cypress Semiconductor  
198 Champion Court  
San Jose, CA 95134-1709  
[www.cypress.com](http://www.cypress.com)

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