Please note that Cypress is an Infineon Technologies Company. The document following this cover page is marked as “Cypress” document as this is the company that originally developed the product. Please note that Infineon will continue to offer the product to new and existing customers as part of the Infineon product portfolio.

Continuity of document content
The fact that Infineon offers the following product as part of the Infineon product portfolio does not lead to any changes to this document. Future revisions will occur when appropriate, and any changes will be set out on the document history page.

Continuity of ordering part numbers
Infineon continues to support existing part numbers. Please continue to use the ordering part numbers listed in the datasheet for ordering.
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 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
TO THE EXTENT PERMITTED BY APPLICABLE LAW, CYPRESS MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, WITH REGARD TO THIS DOCUMENT OR ANY SOFTWARE OR ACCOMPANYING HARDWARE, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. To the extent permitted by applicable law, Cypress reserves the right to make changes to this document without further notice. Cypress does not assume any liability arising out of the application or use of any product or circuit described in this document. Any information provided in this document, including any sample design information or programming code, is provided only for reference purposes. It is the responsibility of the user of this document to properly design, program, and test the functionality and safety of any application made of this information and any resulting product. Cypress products are not designed, intended, or authorized for use as critical components in systems designed or intended for the operation of weapons, weapons systems, nuclear installations, life-support devices or systems, other medical devices or systems (including resuscitation equipment and surgical implants), pollution control or hazardous substances management, or other uses where the failure of the device or system could cause personal injury, death, or property damage (“Unintended Uses”). A critical component is any component of a device or system whose failure to perform can be reasonably expected to cause the failure of the device or system, or to affect its safety or effectiveness. Cypress is not liable, in whole or in part, and you shall and hereby do release Cypress from any claim, damage, or other liability arising from or related to all Unintended Uses of Cypress products. You shall indemnify and hold Cypress harmless from and against all claims, costs, damages, and other liabilities, including claims for personal injury or death, arising from or related to any Unintended Uses of Cypress products.

Cypress, the Cypress logo, Spansion, the Spansion logo, and combinations thereof, WICED, PSoC, CapSense, EZ-USB, F-RAM, and Traveo are trademarks or registered trademarks of Cypress in the United States and other countries. For a more complete list of Cypress trademarks, visit cypress.com. Other names and brands may be claimed as property of their respective owners.