Release Notes
CY8CKIT-036 PSoC® Thermal Management Expansion Board Kit
Release Date: August 8, 2012

Thank you for your interest in the CY8CKIT-036 PSoC® Thermal Management Expansion Board Kit (EBK). This document lists installation requirements, limitations, and known issues with the kit.

System Requirements and Recommendations

PSoC® Creator™ 2.1 or later
PSoC Programmer 3.15.1 or later

The following configuration is required to install PSoC Creator: PC running Windows® XP (SP2 or higher), Vista, or Windows 7.

<table>
<thead>
<tr>
<th>Hardware/Operation System Requirements</th>
<th>Minimum</th>
<th>Recommended</th>
</tr>
</thead>
<tbody>
<tr>
<td>Processor speed</td>
<td>2 GHz</td>
<td>2 GHz Dual Core</td>
</tr>
<tr>
<td>RAM</td>
<td>2 GB</td>
<td>3 GB</td>
</tr>
<tr>
<td>Free hard drive space</td>
<td>1 GB</td>
<td>1 GB</td>
</tr>
<tr>
<td>Screen resolution</td>
<td>1024x768</td>
<td>1280x1024</td>
</tr>
<tr>
<td>USB</td>
<td>Full-Speed</td>
<td>2.0 Hi-Speed</td>
</tr>
</tbody>
</table>

Note   CD/DVD drive is required for installation with no web access.

PSoC Creator requires the following software.

<table>
<thead>
<tr>
<th>Software Prerequisites</th>
<th>Minimum Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microsoft Internet Explorer (not IE8 beta)</td>
<td>7</td>
</tr>
<tr>
<td>.NET Framework</td>
<td>2.0 SP1</td>
</tr>
<tr>
<td>Adobe Reader (to view PDF documents)</td>
<td>6</td>
</tr>
<tr>
<td>Windows Installer</td>
<td>3.1</td>
</tr>
<tr>
<td>PSoC Programmer</td>
<td>3.15.1 or later</td>
</tr>
<tr>
<td>Keil Compiler</td>
<td>8.16</td>
</tr>
</tbody>
</table>

Note   To install and run PSoC Creator, you may also need to install additional software. If these programs are not already installed, the Cypress Installer will guide you through the process.

Installation

To install, insert the kit CD into your PC's CD-ROM drive. If the installer does not start automatically, manually start it by executing cyautorun.exe in the CD's root directory. Follow the instructions to complete installation.

Note   Do not plug in your PSoC Thermal Management EBK to the USB port of PC until all software installation is complete.

Updates

The code examples of the kit are updated for PSoC Creator 2.1.
Limitations and Known Issues

- Firmware support for the Dallas DS18S20 One-Wire temperature sensor is not provided in this kit. It may be added to a future upgrade release.
- Firmware support for the Analog Devices TMP05 temperature sensor is not provided in this kit. It may be added to a future upgrade release.

Documentation

Kit documents are located in \Documentation folder on the kit CD.

- PSoC Thermal Management EBK Guide.pdf
- PSoC Thermal Management EBK Quick Start Guide.pdf
- Application Notes
- Component Datasheets

After installing the PSoC Creator software, refer to the documentation as needed:

- PSoC Creator → Help → Documentation

The default location for PSoC Creator documents is:

<Install_Directory>:\PSoC Creator\<version>\PSoC Creator\Documentation
Copyrights

© Cypress Semiconductor Corporation, 2011-2012. The information contained herein is subject to change without notice. Cypress Semiconductor Corporation assumes no responsibility for the use of any circuitry other than circuitry embodied in a Cypress product. Nor does it convey or imply any license under patent or other rights. Cypress products are not warranted nor intended to be used for medical, life support, life saving, critical control or safety applications, unless pursuant to an express written agreement with Cypress. Furthermore, Cypress does not authorize its products for use as critical components in life support systems where a malfunction or failure may reasonably be expected to result in significant injury to the user. The inclusion of Cypress products in life-support systems application implies that the manufacturer assumes all risk of such use and in doing so indemnifies Cypress against all charges.

Any Source Code (software and/or firmware) is owned by Cypress Semiconductor Corporation (Cypress) and is protected by and subject to worldwide patent protection (United States and foreign), United States copyright laws and international treaty provisions. Cypress hereby grants to licensee a personal, non-exclusive, non-transferable license to copy, use, modify, create derivative works of, and compile the Cypress Source Code and derivative works for the sole purpose of creating custom software and or firmware in support of licensee product to be used only in conjunction with a Cypress integrated circuit as specified in the applicable agreement. Any reproduction, modification, translation, compilation, or representation of this Source Code except as specified above is prohibited without the express written permission of Cypress.

Disclaimer: CYPRESS MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, WITH REGARD TO THIS MATERIAL, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Cypress reserves the right to make changes without further notice to the materials described herein. Cypress does not assume any liability arising out of the application or use of any product or circuit described herein. Cypress does not authorize its products for use as critical components in life-support systems where a malfunction or failure may reasonably be expected to result in significant injury to the user. The inclusion of Cypress product in a life-support systems application implies that the manufacturer assumes all risk of such use and in doing so indemnifies Cypress against all charges.

Use may be limited by and subject to the applicable Cypress software license agreement.

PSoC Designer™, PSoC Creator™, and Programmable System-on-Chip™ are trademarks and PSoC® is a registered trademark of Cypress Semiconductor Corp. All other trademarks or registered trademarks referenced herein are property of the respective corporations.

Flash Code Protection

Cypress products meet the specifications contained in their particular Cypress PSoC Data Sheets. Cypress believes that its family of PSoC products is one of the most secure families of its kind on the market today, regardless of how they are used. There may be methods, unknown to Cypress that can breach the code protection features. Any of these methods, to our knowledge, would be dishonest and possibly illegal. Neither Cypress nor any other semiconductor manufacturer can guarantee the security of their code. Code protection does not mean that we are guaranteeing the product as "unbreakable."

Cypress is willing to work with the customer who is concerned about the integrity of their code. Code protection is constantly evolving. We at Cypress are committed to continuously improving the code protection features of our products.