Release Notes

CY3268 PowerPSoC® Lighting Starter Kit

Release Date: May 25, 2011

Thank you for your interest in CY3268 PowerPSoC® Lighting Starter Kit. This document lists installation requirements, describes software and hardware updates, and its limitations.

System Requirements and Recommendations

Hardware/Operating System Requirements	Minimum	Recommended
Processor Speed	1 GHz	2 GHz
RAM	1 GB	2 GB
Free Hard Drive Space	800 MB	1 GB
Screen Resolution	1024×768	1280×1024
CD/DVD Drive	✓	✓
USB	Full Speed	2.0 Hi-Speed
XP (SP2 or higher), Vista, or Windows 7	✓	✓
Software Prerequisites	**Minimum**	**Recommended**
Microsoft Internet Explorer	7	
Adobe Reader (for PDFDocumentation)	6	9+
Windows Installer	3.1	
.NET Framework	2.0 SP1	
PSoC Programmer	3.12	Latest release*
PSoC Designer	5.1	Latest release*

* For the latest software releases, go to the respective web pages.

PSoC Designer: http://www.cypress.com/go/psocdesigner

PSoC Programmer: http://www.cypress.com/go/psocprogrammer

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. Follow the installation instructions.

Note If you have a previous installation of PSoC Designer™ or PSoC Programmer, you must uninstall the same before reinstalling. To uninstall the software go to **Start > Control Panel > Add or Remove Programs** and click the **Remove** button adjacent to the particular software. Follow the instructions to uninstall.

WARNING: HIGH BRIGHTNESS LEDs CAN CAUSE PERMANENT DAMAGE!
Do not look at the HBLEDs directly. The HBLEDs illuminate at a very high intensity and can cause permanent eye damage. Use a thick white sheet of paper as diffuser if there is no optical diffuser available.
WARNING: Generally all lab work in power electronics must be done with extreme care. Caution must be exercised when using power supplies and/or power related equipment.

Updates

Check http://www.cypress.com/go/CY3268 for the latest downloads of software and documentation.

New for PCBA Rev *E

The code examples are updated to support the latest version of PSoC Designer.

Limitations and Known Issues

This board supports input voltage of 12 V and up to 300 mA for every HBLED channel.

Documentation

<Install-dir>\Cypress\CY3268 PowerPSoC\<version>\Documentation

Documents include:

- CY3268 PowerPSoC Lighting Starter Guide.pdf
- CY3268 PowerPSoC Lighting Starter Quick Start.pdf

Silicon Errata

You can access the latest versions of the silicon errata by visiting http://www.cypress.com/psoc and navigating to Errata.

Technical Support

For assistance, go to http://www.cypress.com/go/support or contact our customer support at +1(800) 541-4736 Ext. 8 (in the USA), or +1 (408) 943-2600 Ext. 8 (International).

Information Regarding PSoC Development Tools

For more information regarding PSoC Designer functionality and releases, refer to the user guide and release notes on the PSoC Designer web page:

http://www.cypress.com/go/psocdesigner

For more information regarding PSoC Programmer, supported hardware, and COM layer go to the PSoC Programmer web page:

http://www.cypress.com/go/psocprogrammer

For a list of PSoC Designer-related trainings, go to:

http://www.cypress.com/?rID=40543

Cypress Semiconductor
198 Champion Ct.
San Jose, CA 95134-1709 USA
Tel: 408.943.2600
Fax: 408.943.4730
Application Support Hotline: 425.787.4814
www.cypress.com