# 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

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