



## Release Notes

### CY3271-PSoC<sup>®</sup> 1 FirstTouch Starter Kit with CyFi Low-Power RF

Release Date: September 22, 2011

Thank you for your interest in the CY3271-PSoC<sup>®</sup> 1 FirstTouch Starter Kit with CyFi Low-Power RF. This document lists installation requirements, software and hardware updates, limitations, and known issues with the kit.

#### 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	1024x768	1280x1024
CD/DVD drive	✓	✓
USB	Full Speed	2.0 Hi-Speed
Windows XP (SP2 or higher), Vista, or Windows 7	✓	✓
Software Prerequisites	Minimum	Recommended
Microsoft Internet Explorer	7	7+
Adobe Reader (for PDF documentation)	6	9+
Windows Installer	3.1	3.1+
.NET Framework	2.0 SP1	2.0 SP1+
PSoC Programmer	3.12	Latest*
PSoC Designer	5.1	Latest*
Sense and Control Dashboard (SCD)	2.0	Latest*

\* Go to <http://www.cypress.com/go/CY3271-FTRF> for the latest software downloads and documents.

#### Installation

To install, insert the kit CD/DVD into your PC's CD/DVD-ROM drive. If the installer does not start automatically, run *cyautorun.exe* in the root directory of the CD/DVD. Follow the installation instructions.

#### Kit Revision – New Feature

In Revision \*A, the code examples are updated to support the latest version of PSoC Designer.



## Limitations and Known Issues

When powering the board via an external power source, ensure that the battery board is plugged in with the power supply connected to the empty battery terminal leads.

When using the FTFC bridge to program a target board with the CY8C24894 device (for example, Weather Station board in the CY3271-EXP1 Kit), ensure that the target board is connected to the FTFC while programming. Otherwise, the FTFC programs its own CY8C24894 device.

## Documentation

Kit documents are located in the \Documentation folder in the default install location:

```
<Install_Directory>:\Cypress\CY3271-FTRF\<version>\Documentation
```

Documents include:

*CY3271- FirstTouch Starter Kit\_User\_Guide.pdf*

*CY3271- FirstTouch Starter Kit\_Quick\_Start\_Guide.pdf*

*CY3271- FirstTouch Starter Kit\_Release\_Notes.pdf*

## Silicon Errata

To access the latest versions of the silicon errata, visit <http://www.cypress.com/psoc> and navigate 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).

## Additional Information

- For more information about PSoC Designer functionality and releases, go to PSoC Designer web page: <http://www.cypress.com/go/psocdesigner>
- For more information about PSoC Programmer, supported hardware, and COM layer, visit the PSoC Programmer web page: <http://www.cypress.com/go/psocprogrammer>
- For a list of trainings on PSoC Designer, visit <http://www.cypress.com/?rID=40543>



Cypress Semiconductor  
198 Champion Court  
San Jose, CA 95134-1709  
Phone(USA): 800.858.1810  
Phone (Intnl): 408.943.2600  
[http:// www.cypress.com](http://www.cypress.com)

## Copyrights

© Cypress Semiconductor Corporation, 2011. 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 is a registered trademark and PSoC Designer and Programmable System-on-Chip are trademarks 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.