Release Notes

CY3273 Low Voltage Powerline Communication Evaluation Kit

Release Date, October 13, 2011

Thank you for your interest in the CY3273 Low Voltage Powerline Communication (PLC) Evaluation Kit. This document lists kit contents, installation requirements, limitations, and known issues. It also provides links for updates, support, and additional information.

System Requirements and Recommendations

To evaluate this kit, a second low-voltage PLC kit is required. The compatible kits are CY3273 (this kit) and CY3275 Low Voltage PLC Development Kit. For information on these kits, go to http://www.cypress.com/go/CY3273 and http://www.cypress.com/go/CY3275.

The following requirements are necessary to run the PLC Control Panel GUI for evaluating the PLC kits, or to run the PSoC Designer™ development tool for developing a host application on an interfacing PSoC® device. PSoC Designer and PSoC Programmer are not required for evaluating these kits. If your computer does not have the minimum versions of .NET Framework and Windows Installer, the PLC Control Panel GUI installation automatically installs them for you.

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
XP (SP2 or higher), Vista, or Windows 7	✓	✓
Software Prerequisites	**Minimum**	**Recommended**
Microsoft Internet Explorer	7	
Adobe Reader	6	9+
Windows Installer	3.1	
.NET Framework	2.5	
PSoC Programmer	3.12	
PSoC Designer	5.1	

Kit Contents

The CY3273 Low Voltage Powerline Communication Evaluation Kit includes:

- CY3273 PLC evaluation board
- 5 CY8CPLC10-PVXI Samples
- 12 V power supply
- Daisy chain cable
- USB-I2C Bridge
- Ribbon cable for I^2C communication, external reset, and powering external board

- Retractable USB cable
- CY3273 Quick Start Guide
- CD containing:
  - Packet test software – PLC Control Panel GUI Application
  - PLC Control Panel Release Notes
  - CY3273 Release Notes
  - CY8CPLC10 Datasheet
  - CY3273 Evaluation Board User Guide
  - Application note – AN52478 - Designing an External Host Application for Cypress's Powerline Communication IC CY8CPLC10
  - CY3273 board Altium design project
  - CY3273 board schematics, layouts, and BOM.

Installation

To install the CD contents onto your hard drive, 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. In the installer window, click the "Install CY3273 Low Voltage Kit…" button and follow the installation instructions

To install the PLC Control Panel GUI, in the installer window, click the "Install PLC Control Panel GUI…".button and follow the installation instructions.

Note If you have a previous installation of the PLC Control Panel GUI, uninstall it first. 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.

Updates

Go to http://www.cypress.com/go/CY3273 for the latest software downloads and documents.

Limitations and Known Issues

None.

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 on PLC (application notes, software, kits, and so on), visit http://www.cypress.com/go/plc
- For more information about PSoC Designer functionality and releases, review the user guide and release notes on the 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

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