Release Notes

PLC RGB Control

Release Date: September 3, 2009

Thank you for your interest in the PLC RGB Control Application. This document lists known defects with the 1.0 version of the software.

Problem	Workaround
1. This version of the GUI does not support 4-channel color mixing. Use this GUI with the recommended slave, that is, Cypress CY3276/77 boards which contain the 3-LED Daughter cards. If used with a 4-LED Daughter card, the fourth channel is always OFF.	A 4-LED daughter card can also be used with this GUI with the fourth LED always OFF.
2. This version of the GUI does not communicate with Cypress MiniProg3.	Use the Cypress USB-to-I^2C Bridge CY3240 for interfacing with the GUI.
3. In case of multiple slave nodes, when the Master tries to control one of the Active nodes, the other Active nodes present on the network flicker for less than a second during that instance of the command being sent.	This does not affect the performance of the GUI and the targeted Active node receives the command successfully.
4. When using the GUI with CY3274, CY3275, CY3276, and CY3277 kits, if the PLC device on the board is not programmed with the PLT MUM3-based project, then the GUI will fail to communicate.	Program the PLC devices with the hex file available with the kit CD.
5. When the non-selected node (node not under control) is dragged from Active to Available, the selected node (node under control) gets disconnected.	First click on the non-selected node in the Active window to make it a selected node and then drag it from Active to Available.
6. When using the RGB GUI, the intensity of the LED daughter card does not change	Unplug the daughter card and plug again.

[+] Feedback

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

© Cypress Semiconductor Corporation, 2009. 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.

Programmable System-on-Chip™, PSoC Designer™, and CapSense™ 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.

This 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.