



Release Notes

CY8CKIT-029 PSoC[®] LCD Segment Drive Expansion Board Kit

Release Date: September 24, 2013

Thank you for your interest in the CY8CKIT-029 PSoC[®] LCD Segment Drive Expansion Board Kit (EBK). This document lists installation requirements, software and hardware updates, limitations, and known issues with the kit.

Installation

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

Note Do not plug in the MiniProg3 to the USB port of the PC until all software installations are complete.

Updates

All the code examples in the kit are updated with PSoC Creator 3.0.

Go to <http://www.cypress.com/?rID=39399> for the latest software downloads and documents.

Kit Revision

There are no changes in the hardware (PSoC LCD Segment Drive Expansion Board (Rev. **)).



Limitations and Known Issues

- Firmware code examples have been tested with 3.3 V and 5.0 V only.
- Best viewing angle for the LCD glass is 6 o'clock.
- The code examples for CY8CKIT-030, and CY8CKIT-050LP use port D of the kit. While using CY8CKIT-030, or CY8CKIT-050LP, remove the character LCD from the LCD port because the port 2 pins are used for segment lines on port D.
- After programming the PSoC on the CY8CKIT-030, or CY8CKIT-050LP, ensure that the programmer connected on USB connector J2 is disconnected. Power the board from J2 or external power because P1[0] and P1[1] are used for segment lines on port D. Only reset mode can be used for programming; JTAG programming is not supported.

Documentation

Kit documents are located in the `\Documentation` folder in the install location `<Install_Directory>\CY8CKIT-029A\<version>\`.

Documents include:

- *CY8CKIT-029_PSoC LCD Segment Drive EBK_Guide.pdf*
- *CY8CKIT-029_PSoC LCD Segment Drive EBK_Quick Start_Guide.pdf*

Release notes are located in the `Release_Notes` subdirectory under the `\Documentation` folder. See `CY8CKIT-029_Release_Notes.pdf`.

After installing PSoC Creator, the documentation is available at the following location:

- PSoC Creator → Help → Documentation

The default location for PSoC Creator documents is:

`<Install_Directory>\PSoC Creator\<version>\PSoC Creator\Documentation`

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 Creator functionality and releases, visit the PSoC Creator web page: <http://www.cypress.com/go/psoccreator>
- For more information about PSoC Programmer, and supported hardware, visit the PSoC Programmer web page: <http://www.cypress.com/go/psocprogrammer>
- For a list of trainings on PSoC Creator, visit <http://www.cypress.com/?rID=40547>



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

Copyrights

© Cypress Semiconductor Corporation, 2009-2013. 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.