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Release Notes

CY8CKIT-031 PSoC® CapSense® Expansion Board Kit

Release Date: February 5, 2014

Thank you for your interest in the CY8CKIT-031 PSoC® CapSense® Expansion Board Kit. This document lists installation requirements, software and hardware updates, limitations, and known issues with the kit.

Installation

To install, insert the kit DVD into your PC's 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.

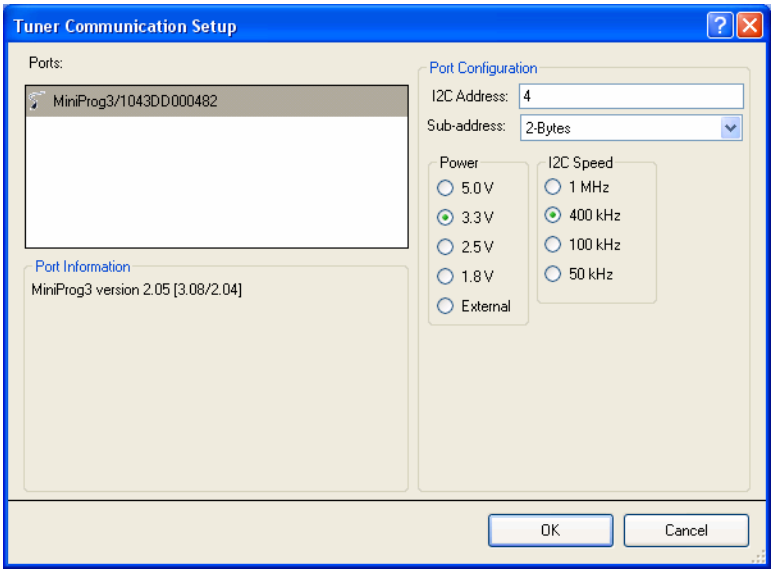
Note To uninstall the software, go to **Start** > **Control Panel** > **Add or Remove Programs** and click the **Remove** button adjacent to the particular software. Follow the instructions to uninstall.

Updates

The code examples in the kit are updated with PSoC Creator 3.0. The code examples are also updated to support CY8CKIT-010 PSoC 5LP Processor Module and CY8CKIT-050 PSOC 5LP Development Kit.

Limitations and Known Issues

- The PSoC Creator CapSense_CSD component uses I2C communication for the tuner GUI. The **External** option in the **Tuner Communication Setup** does not work for this kit. When you use the **External** option for voltage supply, MiniProg3 is powered externally through its VTARG pin. However, VTARG connects to NC on the CY8CKIT-031 board.



- For CY8CKIT-030 PSoC 3 Development Kit (DVK) and CY8CKIT-050 PSoC 5LP DVK projects, when you use port D for CapSense operation, remove the LCD from port P8.

  Note When the LCD is connected to port D, it adds noise and parasitic capacitance to CapSense.

- For CY8CKIT-030 PSoC 3 DVK and CY8CKIT-050 PSoC 5LP DVK, if the MiniProg3 is connected to programming port J3, then it adds noise on port D CapSense operation. The J3 port shares some pins of port D. Therefore, disconnect the MiniProg3 from J3 after programming.

Documentation

Kit documents are located in `\Documentation` folder on the kit CD. These are also available at: `<Install_Directory>:\PSoC CapSense EBK\<version>\Documentation`

Refer to:

- *CY8CKIT-031_PSoC CapSense EBK_Guide.pdf*
- *CY8CKIT-031_PSoC CapSense EBK_Quick Start_Guide.pdf*

The release notes are located at: `<Install_Directory>:\PSoC CapSense EBK\<version>\Documentation\Release_Notes`. Refer to *CY8CKIT-031_Release_Notes.pdf*

After installing the PSoC Creator software, refer to the documentation as needed:

- **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. 2 (in the USA), or +1 (408) 943-2600 Ext. 2 (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

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