



CY8CKIT-145-40XX PSoC[®] 4000S Prototyping Kit

Release Notes

Release Date: March 13, 2018

Thank you for your interest in the CY8CKIT-145-40XX PSoC[®] 4000S Prototyping Kit. This document lists kit contents, installation requirements, kit documentation, limitations, and known issues.

Kit Contents

The CY8CKIT-145-40XX PSoC 4000S Prototyping Kit includes the following:

- CY8CKIT-145-40XX PSoC 4000S Prototyping board
- Quick Start Guide (printed on the kit package)

Software and Tools

The code examples shipped with this kit require PSoC Creator[™] 4.2 or later. This is available with the kit installer or on the PSoC Creator webpage (www.cypress.com/psoccreator).

PSoC Programmer 3.27 or later and KitProg2 v1.05 or later are required to program the PSoC 4000S device on the PSoC 4000S Prototyping Kit. PSoC Creator installer or the kit installer automatically installs PSoC Programmer and KitProg2 drivers

Code Examples and Kit Collateral

The CY8CKIT-145-40XX PSoC 4000S Prototyping Kit webpage is www.cypress.com/CY8CKIT-145-40XX. The webpage includes the kit installation packages, DVD image (ISO), and setup files (EXE) to install the code examples, documents, and kit hardware files of this kit.

Installation

Installation instructions are provided in the CY8CKIT-145-40XX PSoC 4000S Prototyping Kit User Guide, which is available at www.cypress.com/CY8CKIT-145-40XX.

Kit Revision

This is the Rev *A version of the CY8CKIT-145-40XX PSoC 4000S Prototyping Kit. The code examples shipped with the kit are developed using PSoC Creator 4.2.

Limitations and Known Issues

The following is the limitation and known issue in this revision of the CY8CKIT-145-40XX PSoC 4000S Prototyping Kit. This issue will be resolved in future revisions of this kit.

Issue: The CTANK capacitor on the PSoC 4000S Prototyping Kit is connected to pin P4[0]. But, pin P4[0] is not a valid option for CTANK in PSoC Creator. Hence, the CTANK capacitor on this kit is unusable.

Workaround: Not available.

For limitations and known issues with the PSoC 4000S silicon, see the [PSoC 4000S datasheet](#).



Documentation

The kit documents are in the *Documentation* folder in the installation directory. The default location for the kit documents is:

`<Install_Directory>\CY8CKIT-145-40XX PSoC 4000S Prototyping Kit \<version>\Documentation`

Documents include:

- *CY8CKIT-145-40XX_Kit_Guide.pdf*
- *CY8CKIT-145-40XX_Quick_Start_Guide.pdf*
- *CY8CKIT-145-40XX_Release_Notes.pdf*
- *KitProg2_User_Guide.pdf*

After opening PSoC Creator, from the right panel on the Start Page, select **Start > Kits > CY8CKIT-145-40XX** for links to the kit documentation. Expand **CY8CKIT-145-40XX** for kit code examples.

Additional tool and device documentation is available in **Help > Documentation**.

The default location for PSoC Creator documents is:

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

The default location for PSoC Programmer documents is:

`<Install_Directory>\Programmer\Documents`

Technical Support

For assistance, go to www.cypress.com/support or contact our customer support at +1 (800) 541-4736 Ext. 3 (in the USA), or +1 (408) 943-2600 Ext. 3 (International).

Additional Information

- For more information about PSoC Creator functionality and releases, visit the PSoC Creator web page: www.cypress.com/psoccreator.
- For more information about PSoC Programmer and supported hardware, visit the PSoC Programmer web page: www.cypress.com/psocprogrammer.
- For a list of trainings on PSoC Creator, visit www.cypress.com/training.



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