



Release Notes

CY5682 P_{RoC}™ BLE Touch Mouse Reference Design Kit (RDK)

Release Date: September 8, 2015

Thank you for your interest in the CY5682 P_{RoC} BLE Touch Mouse RDK. This document lists kit contents, installation requirements, limitations, and known issues with the kit.

Kit Content

The CY5682 P_{RoC} BLE Touch Mouse RDK includes the following:

- P_{RoC} BLE Touch Mouse
- CySmart™ USB Dongle
- Quick Start Guide
- USB 2.0 Standard-A to Mini-B Cable
- MiniProg3 Programmer/Debugger
- 10-pin Ribbon Cable
- Two AAA Batteries
- Tweezers

Installation

Download *CY5682P_{RoC}BLE RDK Setup.exe* from www.cypress.com/CY5682. Launch the EXE file and follow the steps in the installer window to install the required software.

Kit Revision

This is the fourth revision (Rev. *C) of CY5682 P_{RoC} BLE Touch Mouse RDK.

Updates

The following is the firmware change implemented in Rev *C revision of the RDK:

- Updated the Touch Mouse firmware with fix for a rare connection establishment issue observed with Mac OS X Yosemite 10.10.3.

Visit www.cypress.com/CY5682 for the latest downloads of software and documentation.

Limitations and Known Issues

- The remote wake-up feature is not supported on the CySmart USB Dongle; therefore, the Touch Mouse cannot be used to wake up a host from sleep when used with CySmart USB Dongle.
- CySmart tool is not supported on the Windows XP 64-bit platform. However, it is supported on the Windows XP 32-bit platform and higher versions of Windows OS.

Note: See the CY5682 user guide for details of operating systems compatible with the P_{RoC} BLE Touch Mouse.



- The component symbol printed on the silkscreen of the mouse's main board for the D2 diode is flipped.
- The component type assembled in the antenna matching network on the main board of the mouse is different from the type denoted by the component name in the schematic/silkscreen for the following parts:

Component Name as per Schematic/Silkscreen	Part Assembled on the Board
C5	2.7 nH
C6	1.0 nH
L4	1.2 pF

Documentation

The kit documents are available at the following location:

<Install directory>\CY5682 PSoC BLE Mouse RDK\<version>\Documentation

Note: On Windows 32-bit platforms, the default <Install Directory> is C:\Program Files\Cypress, and on Windows 64-bit platforms, it is C:\Program Files(x86)\Cypress.

Documents include the following:

- CY5682 Quick Start Guide.pdf
- CY5682 User Guide.pdf
- CY5682 Release Notes.pdf

After starting PSoC® Creator™, the PSoC Creator 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

The default location for CySmart documents is:

<Install_Directory>\CySmart\<version>\documentation

Silicon Errata

To access the latest version of the silicon errata, refer to the PSoC BLE datasheet available at www.cypress.com/procble.

Technical Support

For assistance, go to 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: 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/go/creatorstart/creatortraining

Cypress Semiconductor
198 Champion Ct.
San Jose, CA 95134-1709 USA
Tel: +1.408.943.2600
Fax: +1.408.943.4730
Application Support Hotline: +1.425.787.4814
www.cypress.com

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