Release Notes

CY5682 PRoC™ BLE Touch Mouse Reference Design Kit (RDK)

Release Date: September 8, 2015

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

Kit Content

The CY5682 PRoC BLE Touch Mouse RDK includes the following:

- PRoC 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 *CY5682PRoCBLERDKSetup.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 PRoC 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 PRoC 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 PRoC 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 PRoC 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

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