



Release Notes

CY4615B EZ-USB[®] AT2LP[™] Hi-Speed USB 2.0-to-ATA/ATAPI Reference Design

Release Date: April 25, 2012

Thank you for your interest in the CY4615B USB 2.0 to ATA Reference Design Kit based on the EZ-USB[®] AT2LP[™]. This reference design supports all standard IDE and ATAPI devices. It also supports both high-speed and full-speed USB transfer rates. This document lists installation requirements and describes software updates and changes.

System Requirements and Recommendations

The CY4615B AT2LP RDK design is compatible with the Mass Storage Class drivers provided in major operating systems for a true plug-and-play experience. Cypress provides its own Mass Storage drivers to support those operating systems that do not have native Mass Storage support.

System Requirements	Minimum	Recommended
Pentium III-class PC	300 Mhz	> 300 Mhz
RAM	64 MB	256 MB
Disk Space	50 MB	100 MB
Super VGA display	800 x 600	> 800x600
Microsoft Windows XP, Windows 2000, Windows ME or later	✓	✓
Administrative privileges on the system	✓	✓
USB Host Controller (full-speed or high-speed)	✓	✓
Microsoft Developers Studio Version (in order to compile Windows software examples)	6.0	Latest version
Keil uVision Version 8051 tools (in order to compile firmware examples)	2.38	Latest version
Adobe Reader (For viewing .PDF Documentation)	6	Latest version
CD/DVD-ROM Drive	✓	✓

Updates

The latest software and drivers are available at <http://www.cypress.com/go/CY4615B>.

Installations

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

Kit Contents

The CY4615B reference design kit includes:

- Evaluation board with CY7C68320 (EZ-USB AT2LP)
- ATA cable
- 40-pin to 44-pin adapter
- "Y" power adapter cable
- USB A-B cable
- 3 IC samples of CY7C68320C-100AXC



- CD-ROM containing:
 - Hardware design databases:
 - Schematics
 - Bill of materials
 - Gerber files
 - OrCAD files
 - EEPROM programming software
 - Manufacturing software

Documentation

Kit documents are located in the \Documentation folder of CD root directory and also in the installed location- <Installed_Directory>\CY4615B AT2LP RDK\<version>\Documentation where <installed_directory> refers to default path C:\Cypress\USB.

- CY4615B RDK_User Guide
- CY4615B RDK_Quick Start Guide
- CY4615B_Release Notes
- EZ-USB AT2LP_Datasheet
- EZ-USB AT2LP_Silicon Errata

Technical Support

For assistance, go to <http://www.cypress.com/support> or contact our customer support at +1(800) 541-4736 Ext.8 (in the USA) or at +1(408) 943-2600 Ext. 8 (International).



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