Release Notes

CY4608 HX2VL Development Kit

Revision **

Release Date: December 15, 2011

Thank you for your interest in the CY4608 HX2VL Development Kit (DVK). This kit provides a reference board and documentation to evaluate, design, and manufacture low-power USB 2.0 hubs using the HX2VL hub controller family.

Overview

The USB 2.0 Specification requires backward compatibility; therefore, the HX2VL functions with either a full-speed (12 Mbits/sec) or high-speed (480 Mbits/sec) USB host.

The DVK includes support documents related to board hardware, PC application software, and the EEPROM configuration data (.iic) files.

System Requirements and Recommendations

Hardware/Operating System Requirements	**Minimum**	**Recommended**
Processor speed	1 GHz	2 GHz
RAM	1 GB	2 GB
Free hard drive space	800 MB	1 GB
Screen resolution	1024×768	1280×1024
USB host controller (full-speed or high-speed)	✓	✓
Windows XP (SP2 or higher), Vista, or Windows 7	✓	✓
Software Prerequisites	**Minimum**	**Recommended**
Adobe Reader (for PDF documents)	6	9+
Microsoft Internet Explorer	7	

Installation

Download the installer for the CY4608 DVK at http://www.cypress.com/go/CY4608. Follow the prompts to install the software.

Updates

Check http://www.cypress.com/go/CY4608 for the latest documentation.

Documentation

The following documents are available for this kit:

- CY4608 HX2VL Development Kit Quick Start Guide
- HX2VL Development Kit User Guide
- HX2VL_1TT_datasheet.pdf
- HX2VL_MTT_datasheet.pdf
- HX2VL Kit Errata (if applicable)
- Application Notes:
    - HX2VL (CY7C65642, CY7C65632) PCB Design Recommendations - AN72332
    - Migrating from HX2/HX2LP TO HX2VL - AN69235
    - Single versus Multiple Transaction Translator - AN1071

- Schematic Review Checklist for HX2VL - AN69025
- Bus-powered USB Hub Design using EZ-USB HX2LP/HX2VL - AN15454

Silicon Errata

Visit http://www.cypress.com/?rID=53231 for the most up-to-date versions of the silicon errata or contact our Applications team at +1 (425) 787.4814.

Technical Support

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

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