



Release Notes

CYWBDVK002AB West Bridge® Astoria™ Development Kit

Release Date: March 5, 2012

Thank you for your interest in the CYWBDVK002AB West Bridge® Astoria™ Development Kit (DVK). This document provides an overview of the kit and lists installation requirements, and software and hardware updates for the kit.

Overview

Cypress's West Bridge Astoria multimedia mass storage controller offers SD, SDIO, MMC, GPIF and GPIO support.

The new controller delivers the same industry-leading, High-Speed USB data transfer performance as the EZ-USB® FX2LP controller and adds a configurable multimedia storage interface and flexible processor interface. This eases connections to a broad range of embedded processors and mass storage devices. These new features allows the Astoria controller to connect to any embedded processor or DSP, SD card support to new applications including portable media players (PMPs), wireless cards, dongles, portable navigation devices (PNDs), digital cameras, POS terminals and more.

The CYWBDVK002AB board features include the Astoria device itself, USB A and B type connectors and two SD sockets on the development board. To provide more flexibility in board configuration, switch options are available to set up the required configurations on the development kit.

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	1024x768	1280x1024
CD/DVD drive	✓	✓
USB host controller	Full Speed	2.0 Hi-Speed
Windows XP (SP2 or higher), Vista, or Windows 7	✓	✓
Software Prerequisites	Minimum	Recommended
Microsoft Internet Explorer	7	Latest
Adobe Reader (for PDF documentation)	6	9+

Installation

To install, insert the kit CD into your PC's CD-ROM drive. If the installer does not start automatically, run *cyautorun.exe* in the root directory of the CD/DVD. Follow the installation instructions.

Updates

Go to <http://www.cypress.com/go/CYWBDVK002AB> for the latest documentation.



Documentation

Kit documents are located in the \Documentation folder in the default install location:

Documents include:

- CYWBDVK002AB West Bridge Astoria Development Kit Quick Start Guide
- CYWBDVK002AB West Bridge Astoria Development Kit Guide
- Astoria Datasheet - CYWB022XX Family West Bridge Astoria Datasheet
- Application Notes:
 - *Interfacing to West Bridge Astoria's Pseudo-NAND Processor Port - AN46712*
 - *Schematic Review Checklist for West Bridge Astoria - AN46860*
 - *High-Speed USB PCB Layout Recommendations - AN1168*

Silicon Errata

To access the latest versions of the silicon errata, visit <http://www.cypress.com/?rID=36695> 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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