



## Release Notes

### CY3674 EZ-USB® FX1 / CY3684 EZ-USB FX2LP™ Development Kit

Release Date: June 7, 2012

Thank you for your interest in the EZ-USB® FX1 and EZ-USB FX2LP™ Development Kits (DVK). This document lists installation requirements and describes software updates and changes.

#### Overview

The EZ-USB DVK is the best starting point for developing EZ-USB based products. It is designed to work with the EZ-USB FX2LP and FX1 chips. FX1 is a full-speed only version of FX2LP. Other than the absence of a high-speed transceiver, FX1 is identical to FX2LP.

The development kits for the EZ-USB FX2LP family provide complete hardware and software solutions to accelerate the firmware and device driver development for all products in the family. The kits use the actual silicon for the entire development.

Cypress includes an evaluation version of the 8051 Keil software tool. The evaluation version of the C-compiler allows the designer to write 8051 microcontroller applications in C and still get the efficiency and speed of assembly language, as well as the ability to single step through code. This makes it easy to detect errors, handle source level debugging, and set breakpoints. The ability to debug code one line at a time and compile quickly as well as the one-step download for new code provides developers a more efficient means to complete firmware faster than using emulators.

#### 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 or high-speed)	✓	✓
Windows XP (SP2 or higher), Vista, and Windows 7	✓	✓
Software Prerequisites	Minimum	Recommended
Microsoft Internet Explorer	7	8
Adobe Reader (for PDF documents)	6	9+
Microsoft Visual Studio Version (to compile Windows software examples)	6	Latest
Keil uVision Version 8051 tools (to compile firmware examples)	2	Latest

#### Installation

To install, insert the kit CD/DVD into your PC's CD/DVD-ROM drive; wait for the setup program to run automatically. If the installer does not start automatically, run cyautorun.exe in the root directory of the CD/DVD. Follow the instructions on screen to complete the installation.



## Updates

The latest release of the General Programmable Interface (GPIF) tool is available at <http://www.cypress.com/?rID=14448>. The latest release of the Cypress USB driver, SuiteUSB, is available at <http://www.cypress.com/?rID=34870>.

Latest kit installer and documents for these kits are available at <http://www.cypress.com/go/CY3684> and <http://www.cypress.com/go/CY3674>

## Documentation

The following documents are available at C:\Cypress\USB\CY3684\_EZ-USB\_FX2LP\_DVK\<version>\Documentation.

- Release Note EZ-USB FX1-EZ-USB FX2LP™ Development Kit
- EZ-USB FX1-EZ-USB FX2LP™ Development Kit Quick Start Guide
- EZ-USB® Development Kit User Guide
- EZ-USB® Technical Reference Manual
- EZ-USB® FX2LP Datasheet
- Errata for the EZUSB-FX2LP
- Migrating from EZ-USB FX2™ TO EZ-USB FX2LP™ - AN4078\_C

The following documents are available at C:\Cypress\USB\CY3674\_EZ-USB\_FX1\_DVK\<version>\Documentation\.

- Release Note EZ-USB FX1-EZ-USB FX2LP™ Development Kit
- EZ-USB FX1-EZ-USB FX2LP™ Development Kit Quick Start Guide
- EZ-USB® Development Kit User Guide
- EZ-USB® Technical Reference Manual
- EZ-USB FX1 Datasheet
- Silicon Errata for EZ-USB™ FX1 Product Family
- Migrating from AN21XX TO FX1 - AN5040

## Silicon Errata

To access the latest versions of the silicon errata of FX2LP, please visit <http://www.cypress.com/?rID=14344> and for FX1, visit <http://www.cypress.com/?rID=50423>.

## 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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