CYUSB3014-BZXI

March 30, 2011

Silicon Errata for the EX-USB FX3 SuperSpeed USB Controller, CYUSB3014 Product Family

This document describes the errata for the FX3, CYUSB3014-BZXI. Details include errata trigger conditions, scope of impact, available workarounds, and silicon revision applicability. Compare this document to the device's data sheet for a complete functional description.

Contact your local Cypress Sales Representative if you have questions.

Part Numbers Affected

Part Number
CYUSB3014-BZXI

EX-USB FX3 SuperSpeed USB Controller Qualification Status

Product Status: Sampling

EX-USB FX3 SuperSpeed USB Controller Errata Summary

This table defines the errata applicability to available EX-USB FX3 SuperSpeed USB Controller family devices. An "X" indicates that the errata pertains to the selected device.
Note Errata items, in the table below, are hyperlinked. Click on any item entry to jump to its description.

Items	Part Number	Silicon Revision	Fix Status
1. USB boot is unstable	CYUSB3014-BZXI	ES	1. Workaround provided. 2. Fix in Production Silicon.

1. USB Boot Is Not Stable

- **PROBLEM DEFINITION**
  After reset, if the PMODE pins are selected/configured to boot from the USB, the FX3 can some time not enumerate with the USB host (e.g. PC) and fail booting from USB port.
- **PARAMETERS AFFECTED**
  NA
- **TRIGGER CONDITION(S)**
  This condition is triggered when PMODE pins is configured to boot from USB port.
- **SCOPE OF IMPACT**
  Fail to boot from USB Port.
- **WORKAROUND**
  Select alternate boot option like I2C and P-Port etc. boot
- **FIX STATUS**
  Fix in production silicon

[+] Feedback

References

[1] Document # 001-52136, CYUSB3014 EZ-USB (R) FX3 SUPERSPEED USB CONTROLLER (PRELIMINARY COMPANY CONFIDENTIAL).

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Document History Page

Document Title: Silicon Errata for the EX-USB FX3 SuperSpeed USB Controller, CYUSB3014 Product Family Document Number: 001-68474			
Rev.	**ECN No.**	**Orig. of Change**	**Description of Change**
**	3209792	VSO	Original release of spec.

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