Cypress Semiconductor Corporation, 198 Champion Court, San Jose, CA 95134. Tel: (408) 943-2600

PRODUCT INFORMATION NOTIFICATION

PIN: PIN152801   **Date:**   July 07, 2015

Subject: Revision in Silicon Die for USB 3.0 Hub Controllers (HX3 Family) Products

To: PRICE CONTROL
NEWARK
pricecontrol@newark.com

Change Type: Minor

Product Information:
HX3 devices are the USB 3.0 Hub controller family of products which are compliant with the USB 3.0 specifications. HX3 products support Super-Speed (SS), Hi-Speed (HS), Full-Speed (FS), and Low-Speed (LS) on all of the ports. HX3 products have been in production since March 2014. They are certified by USB-IF (TID#330000060).

Cypress is revising the HX3 die to Rev. *D from Rev. *C silicon to improve the yield. Cypress will continue to ship the current Rev. *C silicon version for the next several months, after which HX3 shipments will seamlessly migrate to the Rev. *D silicon. There are no changes to the ordering part numbers or datasheet parameters.

Affected Part Numbers: 27
Affected Parts: Refer to attached 'Affected Parts List' file.

Implementation Date:
HX3 shipments are expected to migrate to the Rev. *D silicon in four to six months.

Anticipated Impact:
HX3 Rev.*D silicon products are drop-in compatible with HX3 Rev.*C silicon products from a functional, parametric, and quality performance perspective.

Although HX3 Rev.*D Silicon passes USB-IF compliance (TID# 330000060) with internal ROM firmware, it will continue to support the external EEPROM.
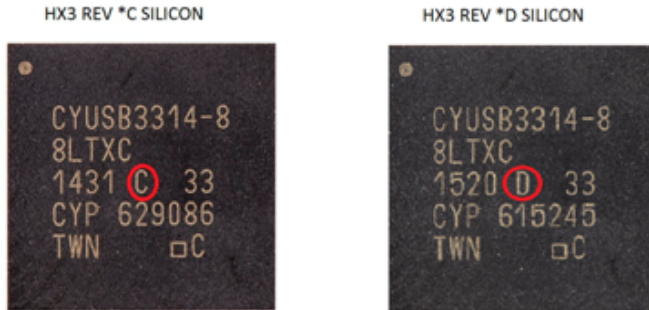
For projects where an external EEPROM with HX3 firmware is used, customers are recommended to use the latest B7 revision of firmware. The B7 firmware is compatible with both Rev. *C and Rev. *D silicon revisions. Firmware can be downloaded at www.cypress.com/hx3.

Qualification Status:
Rev.*D silicon products have been qualified through a series of tests detailed on Qualification Test Plan (QTP) 151408. The QTP report can be found as an attachment to this notification or by visiting www.cypress.com and typing the QTP number in the keyword search window.

Method of Identification:
Please refer to the picture below for the distinction between the Rev. *C silicon and the Rev. *D silicon indication on the package marking (third row, circled in red).

Cypress maintains traceability of product to wafer level, including wafer fabrication location, through the lot number marked on the package.

Response Required:
This is an information only announcement. No response is required

For additional information regarding this change, contact your local sales representative or contact the PCN Administrator at pcn_adm@cypress.com.

Sincerely,

Cypress PCN Administration