



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

PRODUCT CHANGE NOTIFICATION

PCN: PCN145275

Date: March 13, 2014

Subject: Qualification of Cypress Minnesota Incorporated (CMI) as an Alternate Wafer Fab Site for USB5 (enCoRe) Products

To: PCN ADMINISTRATOR
CYPRESS PCN ADMIN
pcn_adm@cypress.com

Description of Change:

Cypress announces the qualification of Cypress Minnesota Incorporated (CMI), USA as an alternate wafer fab site for USB5 (enCoRe) products. This notification is a follow-up to PCN105011, issued on December 17, 2010, with regard to the discontinuation of USB2, USB3 and USB5 wafer supply from MagnaChip (MC), a 6-inch wafer fab in Korea.

Cypress has four years of inventory of the USB M8 series (USB2 and USB3) products. Therefore, the qualification of USB2 and USB3 series products at CMI is not planned now. Since the technology is already qualified at CMI, these products can be qualified in a span of 3 months should the need arise and will be communicated through a PCN.

CMI is a fully qualified internal 8-inch wafer fab and has been in high-volume production for multiple Cypress products (PSoC, SRAMs, Clock, and USB) spanning various technology platforms.

Benefit of Change:

Cypress will have the added capability to meet upside market demand, and to ensure consistent and reliable delivery performance to customers. Establishing an alternate wafer source is especially important in this dynamic market environment.

Part Numbers Affected: 12

Affected Parts: Refer to attached 'affected part list' excel file

Qualification Status:

As per a specific list of major changes, this wafer fab site has been qualified through a series of tests detailed in Qualification Test Plan (QTP) No. 133504. You can find the QTP report in the attachment to this notification or by visiting www.cypress.com, typing the QTP number in the keyword search window.

Sample Status:

Sample parts manufactured from CMI are available now for the marketing part numbers (MPNs) listed in the attached 'affected part list' excel file. Please review the table for a list of affected part numbers with their associated sample ordering part numbers. If you require qualification samples, please contact your local sales representative as soon as possible within 30 days from the date of this PCN to place sample requests.

Qualification sample orders received after 30 days from the date of this PCN and qualification sample orders for parts that do not have a listed sample ordering part number will be subject to lead times.

Approximate Implementation Date:

Effective 90 days from the date of this notification or upon customer approval, whichever comes first, all shipments of the affected MPNs, listed previously, may be sourced from either CMI or MC fab.

Anticipated Impact:

None anticipated. No impact is expected on datasheet parameters, package composition, or package pin-out, as the design is unchanged. There will be no impact on functionality or performance.

Cypress also recommends that customers take this opportunity to review these changes against current application notes, system design considerations, and customer environment conditions to assess the impact (if any) on their applications.

Method of Identification:

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

Response Required:

No response is required.

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

Sincerely,

Cypress PCN Administration

Item	Affected Marketing Part Number	Sample Order Part Number
1	CY7C63722C-XC	Available to order, subject to lead time
2	CY7C63723C-PXC	CY7C63723C4-PXC
3	CY7C63723C-SXC	CY7C63723C4-SXC
4	CY7C63723C-SXCT	CY7C63723C4-SXC
5	CY7C63743C-PXC	Available to order, subject to lead time
6	CY7C63743C-QXC	CY7C63743C4-QXC
7	CY7C63743C-SXC	CY7C63743C4-SXC
8	CY7C63743C-SXCT	CY7C63743C4-SXC
9	CP5884AF	Available to order, subject to lead time
10	CP6238BM	Available to order, subject to lead time
11	CP6604BM	CP6604CM
12	CP6604BMT	CP6604CM