

# CYPRESS SEMICONDUCTOR

## PRODUCT CHANGE NOTIFICATION

**PCN:** 000005

**DATE:** February 7, 2000

**Subject:** Dual Port SRAM Family, Design Change

**To:**

**Category:**

**Level:**

**Cypress part numbers affected:**

<u>Async 5V</u>	<u>Async 3.3V</u>	<u>Sync 5V</u>	<u>Sync 3.3V</u>	<u>Density</u>
CY7C007	CY7C007V	CY7C09079		32Kx8
CY7C017	CY7C017V	CY7C09179		32Kx9
CY7C026	CY7C026V	CY7C09269		16Kx16
CY7C036	CY7C036V	CY7C09369		16Kx18
	CY7C006V			16Kx8
	CY7C016V	CY7C09169	CY7C09169V	16Kx9
	CY7C025V			8Kx16
	CY7C0251V	CY7C09359	CY7C09359V	8Kx18
	CY7C144V			8Kx8
	CY7C145V	CY7C09159	CY7C09159V	8Kx9
	CY7C024V			4Kx16
	CY7C0241V	CY7C09349	CY7C09349V	4Kx18
	CY7C138V			4Kx8
	CY7C139V			4Kx9

**Customer part numbers affected:**

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**Description of change:**

A design change was initiated to resolve an Internal Power-On-Reset (POR) design consideration with one of Cypress's dual-port family of products. This change has been qualified and the qualification report QTP 99395 is attached. The manufacturing revision has changed from E to F and is marked on the device after the date code. The change effectively eliminates this design consideration and results in new Cypress part numbers with the letter "A" (i.e. – CY7C007 becomes CY7C007A, CY7C007V becomes CY7C007AV, etc.). Details regarding the design consideration, troubleshooting, and possible application fixes can be found on the last page of all the old non-"A" revision datasheets. Other than the elimination of the design consideration, the datasheet remains identical and there are no functional changes to the "A" revision parts.

The old and new data sheets can be downloaded from the following link:

<http://www.cypress.com/cypress/prodgate/dual/>

For any concerns regarding this PCN, please contact your local Cypress sales representative.

**Benefit of change:**

Eliminates the need for the POR design consideration exhibited in the non-"A" parts.

**Qualification status:**

Complete. Qualification Report # 99395 is attached.

**Sample status:**

Samples are available by contacting our local sales office.

**Approximate Implementation Date:**

Production release of new material is immediate or as agreed per your contract terms and conditions.

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**Response Required:**

If the cover letter indicates that your company is designated as "Category A or Category C" and there are current orders pending, this form must be signed and returned as soon as possible. If acceptance is not received, delays in shipment may occur.

**Category 'C' customers**

*If No response is received within 90 days change will be incorporated.*

**Category 'A' or Category 'C' customer:**

Change accepted by: \_\_\_\_\_ Note: If Change is Not applicable to your facility enter N/A

Print Name: \_\_\_\_\_ Company: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_

PCN Sent to: \_\_\_\_\_ Company: \_\_\_\_\_

*Fax signed approval to Jim Townsend at 408-943-4897 or reply by E-mail.  
For any additional information regarding this change, contact your local sales representative.*

Sincerely,

Jim Townsend  
Business Process Manager