

# CYPRESS SEMICONDUCTOR

## PRODUCT CHANGE NOTIFICATION

**PCN:** 000038

**DATE:** August 2, 2000

**Subject:** SRAM, 1Meg 5V, Fast Asynchronous Family, Fab Process Change

**To:**

### **Customer Category:**

### **Description of change:**

The part numbers listed below have been qualified to be transferred from R42D, 0.35 $\mu$  process, to R52D-5R, a 0.25 $\mu$  process in Cypress's Bloomington, MN, Fab 4. This will result in a die shrink. The new die revision is M and is marked on the device after the date code.

The ordering part number has been revised to contain the letter "B" (i.e.- CY7C109B-12VC) in the part number to designate the die shrink. New datasheets have been issued to reflect the part number change and can be downloaded from the following link:

<http://www.cypress.com/sram/datasheets.html#Fast>

No changes have been made that effect form, fit, or function and no changes have been made to the data sheet other than the part number change. Qualification report QTP 98462 is attached.

### **Cypress part numbers affected:**

CY7C109-\*, CY7C109L-\*, CY7C1009-\*, CY7C1009L-\* CY7C106-\*, CY7C106A-\*, CY7C1006-\*, all speeds, commercial and industrial temperature range, all packages.

### **Customer part numbers affected:**

### **Benefit of change:**

This change will increase the number of good die per wafer resulting in shorter leadtimes and improved availability.

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**Qualification status:**

Complete. Qualification Report # 98462 is attached.

**Sample status:**

Samples are available by contacting our local sales office.

**Approximate Implementation Date:**

Production release of the new material will be phased in immediately or as agreed per your contract terms and conditions. The old material will be available for last time buys for a minimum of 3 months and a formal notice of discontinuance is anticipated to be issued in Q4.

**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. All customers should contact their local Cypress sales representative to plan the conversion of backlog and AVLs to the new part numbers.

**Category 'C' customers**

*If No response is received within 90 days the 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 to [pcn\\_adm@cypress.com](mailto:pcn_adm@cypress.com)  
For any additional information regarding this change, contact your local sales representative.*

Sincerely,

Jim Townsend  
Business Process Manager