

CYPRESS SEMICONDUCTOR

PRODUCT CHANGE NOTIFICATION

PCN: 000011

DATE: May 16, 2000

Subject: SRAM, 4Meg Synchronous Family, Data Sheet Change

To:

Category:

Description of change:

This change was initiated to correct data sheet errors on the 4Meg Synchronous SRAM family. This family is manufactured on R42D, a 0.35 μ process in Cypress's Bloomington, MN, Fab 4. The data sheet limits for ISB1 (Automatic CS Power-Down Current - TTL inputs), ISB3 (Automatic CS Power-Down Current - CMOS inputs), and ISB4 (Automatic CS Power-Down Current) on the part numbers below have been changed per the following tables:

Part Number: CY7C1325*, CY7C1338*, CY7C1345*

| Speed | 117 MHz | 100 MHz | 90 MHz | 50 MHz |
|---------------------|---------|---------|--------|--------|
| Old ISB1 Limit (mA) | 35 | 30 | 25 | 20 |
| New ISB1 Limit (mA) | 125 | 110 | 100 | 90 |
| | | | | |
| Old ISB3 Limit (mA) | 10 | 10 | 10 | 10 |
| New ISB3 Limit (mA) | 95 | 85 | 75 | 65 |
| | | | | |
| Old ISB4 Limit (mA) | 18 | 18 | 18 | 18 |
| New ISB4 Limit (mA) | 30 | 30 | 30 | 30 |

Part Number: CY7C1327*, CY7C1339*, CY7C1347*

| Speed | 166 MHz | 133 MHz | 100 MHz |
|---------------------|---------|---------|---------|
| Old ISB1 Limit (mA) | 35 | 30 | 25 |
| New ISB1 Limit (mA) | 150 | 125 | 115 |
| | | | |
| Old ISB3 Limit (mA) | 10 | 10 | 10 |
| New ISB3 Limit (mA) | 125 | 95 | 85 |

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These products were originally designed to these limits and have always been tested to these limits. There has been no change to the device or process. There will be no change to the part number.

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

The revised data sheets can be downloaded from the following link:

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

Cypress part numbers affected:

CY7C1325*, CY7C1327*, CY7C1338*, CY7C1339*, CY7C1345*, CY7C1347*, all speeds, commercial and industrial temperature range, all packages.

Customer part numbers affected:

Benefit of change:

Accurate data sheet for customer use.

Qualification status:

N/A.

Sample status:

N/A.

Approximate Implementation Date:

Product has always been tested to the changed limits.

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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