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PRODUCT CHANGE NOTIFICATION

PCN: PCN125133

Date: March 16, 2012

Subject: 32Mb Async Micro Power SRAM Products: process technology transition from RAM8 (0.13um) to RAM95 (0.09um)

To: PCN ADMIN
CYPRESS
pcn_adm@cypress.com

Change Type: Major

Description of Change:

Cypress announces a process technology transition on the 32Mb Asynchronous Micro Power SRAM products mentioned in the list below. Products will transition from RAM8 (0.13um) to RAM95 (0.09um), a process technology that is fully qualified and in full production at the Cypress Minnesota wafer fabrication facility.

RAM95 products are pin-to-pin compatible with their RAM8 equivalents.

RAM95 product datasheets are available on the Cypress Website at www.cypress.com.

Benefit of Change:

The migration to RAM95 technology at Cypress Minnesota is being carried out at this time to ensure that customers benefit from continuing supply and long term support on these products, via a newer and already mature process technology.

Affected Part Numbers:

Affected Parts: 2

Item	Affected Part Numbers (RAM8)	Drop-In Replacement Part number (RAM95)	Last Time Buy (LTB) Date	Last Time Ship (LTS) Date
1	CY62177DV30LL-55BAXI	CY62177EV30LL-55BAXI	03-Oct-2012	01-April-2013
2	CY62177DV30LL-55BAXIT	CY62177EV30LL-55BAXIT	03-Oct-2012	01-April-2013

Note: A "Drop-in Replacement" is defined as a product that is pin-to-pin and form/fit/function compatible with the affected product.

Qualification Status:

The RAM95 process technology in 48 BGA package was originally qualified through a series of tests identified in Qualification Test Plan (QTP) # 112601. This QTP report can be found attached to this PCN or by visiting www.cypress.com, typing the QTP number in the search window and clicking on the magnifying glass icon.

Sample Status:

Qualification samples are not built ahead of time for all part numbers affected by this change. If you require qualification samples, please contact your sales representative as soon as possible, but within 30 days of the date of this PCN.

Qualification sample orders received after 30 days from the date of this PCN will be subject to lead times.

Approximate Implementation Date:

This change is effective immediately from the date of this notification. Please note Last Time Buy (LTB) and Last Time Ship (LTS) dates provided in the "Affected Part Numbers" table. The LTB date denotes the date on which order entry closes; orders may be placed until the close of business (5:00pm US Pacific Time) on this date. LTS date denotes the date on which shipment of orders ceases.

Anticipated Impact:

Products manufactured on the RAM95 process technology are expected to be completely compatible with existing RAM8 product from a functional, parametric, and quality performance perspective.

Cypress however recommends that customers take this opportunity to review these changes against current application notes, system design considerations and customer environment conditions to assess impact (if any) to their application. Application notes are accessible from the "support tab" of the Cypress website, www.cypress.com

Method of Identification:

Cypress maintains traceability of product to wafer level, including wafer fabrication location, through the lot number marked on the package. Please note that the RAM95 technology parts will can be distinguished using a new ordering code (letter "E" instead of "D" in part number) and package top mark. See example below:

RAM8 Part Number / Top Mark: CY62177DV30LL-55BAXI
RAM95 Part Number / Top Mark: CY62177EV30LL-55BAXI

Response Required:

No response is required. Customers are encouraged to take note of the LTB and LTS dates on the RAM8 version and plan to convert to the RAM95 version prior to the LTB date.

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