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PRODUCT INFORMATION NOTIFICATION

PIN: PIN135228

Date: August 30, 2013

Subject: Changes to F-RAM Marking to Align with Cypress Standards

To: Akiko Miyoshi
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Change Type: Minor

Description of Change:

Cypress Semiconductor has completed the integration of Ramtron products into Cypress systems. The purpose of the PIN is to communicate changes to the F-RAM package top markings. There are no changes to the ordering part numbers or the color of the markings.

- 1) All F-RAM package markings have been modified for Cypress assembly lot tracking.
- 2) Several F-RAM packages have font size changes.
- 3) When applicable the Ramtron logo has been replaced by the Cypress logo and the RIC ("Ramtron IC") letters have been replaced by CYP ("Cypress") letters.

The full detail of each package change is shown in the attached "F-RAM Marking Changes" document.

In the earlier Cypress PIN number 135208 (dated April 2, 2013), 30 F-RAM part numbers were affected by an earlier marking change. This PIN expands the affected parts list from the 30 part numbers to all 162 part numbers shown in the attached Affected Parts list. The earlier 30 part numbers are now covered by this PIN.

Product Information: The "F-RAM Marking Changes" document attached shows the package marking changes for all F-RAM packages available from Cypress.

Affected Parts: 162
See attached list of affected parts.

Qualification Status:
Not Applicable

Approximate Implementation Date:

These changes will be fully implemented for all packages by date code WW1343. For some part numbers Cypress has existing inventory that uses the earlier top marks. Until this inventory is depleted, products with the old top marking with date codes earlier than WW1343 will continue to ship. In some cases, products with both old top mark and new top mark may be shipped together.

Anticipated Impact:

There have been no changes to manufacturing processes or sites for F-RAM products. Cypress recommends that customers take this opportunity to review these changes against current application notes, system design considerations, logistics and customer environment conditions to assess impact (if any) to their application.

Method of Identification: Please see the attachments.

Response Required:

This is an information only announcement. No response is required.

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