Cypress Semiconductor Corporation, 198 Champion Court, San Jose, CA 95134. Tel: (408) 943-2600

PRODUCT ERRATA NOTIFICATION

PEN: PEN145336   **Date:**   September 26, 2014

Subject: Errata for Autostore Disable Feature on 8 Mb nvSRAM Devices

To: PCN ADMIN
CYPRESS
pcn_adm@cypress.com

Distribution of Errata:
This Errata notice is being released to inform customers of an issue with the Autostore Disable feature on the 8 Mb nvSRAM devices. Please see the "Affected Part Numbers" section for the full list of parts affected by this Errata notice.

Issue Description:
The AutoStore Disable feature is used in nvSRAM products to disable the Autostore feature in applications where the data in the SRAM is not required to be stored on power loss. However, the 8 Mb nvSRAM executes a store in half of the memory (4 Mb) even when the Autostore feature is disabled.

The Errata, with a detailed description of the issue and fix status, are available in the product datasheets. The datasheets are attached to this notification and available for download on the Cypress website at http://www.cypress.com/?rID=35388 for devices with RTC and http://www.cypress.com/?rID=13695 for devices without RTC.

Who is affected?
Customers using the AutoStore Disable feature on the 8 Mb nvSRAM devices are impacted by this issue.

What is the impact?
Using the AutoStore Disable feature can corrupt the data in half of the memory by unintentionally overwriting existing data in the nonvolatile memory.

What should you do if you are affected?
The AutoStore Disable feature should not be used on 8 Mb nvSRAM devices.

Affected Part Numbers: 26
Affected Parts: Please refer to the table below.

Item	Affected Marketing Parts
1	CY14B108K-ZS25XI
2	CY14B108K-ZS25XIT
3	CY14B108K-ZS45XI
4	CY14B108K-ZS45XIT
5	CY14B108L-BA25XI
6	CY14B108L-BA25XIT
7	CY14B108L-BA45XI
8	CY14B108L-BA45XIT
9	CY14B108L-ZS20XI
10	CY14B108L-ZS20XIT
11	CY14B108L-ZS25XI
12	CY14B108L-ZS25XIT
13	CY14B108L-ZS45XI
14	CY14B108L-ZS45XIT
15	CY14B108M-ZSP25XI
16	CY14B108M-ZSP25XIT
17	CY14B108M-ZSP45XI
18	CY14B108M-ZSP45XIT
19	CY14B108N-BA25XI
20	CY14B108N-BA25XIT
21	CY14B108N-BA45XI
22	CY14B108N-BA45XIT
23	CY14B108N-ZSP25XI
24	CY14B108N-ZSP25XIT
25	CY14B108N-ZSP45XI
26	CY14B108N-ZSP45XIT

Anticipated Impact:
Customers must review the Errata document attached with this notice. Cypress recommends not using the Autostore Disable feature to prevent possible data corruption on power loss.

Method of Identification:
Cypress maintains traceability of product to wafer level, including wafer fabrication location, through the lot number marked on the package.

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