



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

PRODUCT TERMINATION NOTIFICATION

PTN: PTN171105

Date: March 19, 2017

Subject: Product Termination Notification of nvSRAM Family of Products (Former SIMTEK Products).

Product Obsolescence Information:

Cypress announces the obsolescence of the Non-Volatile SRAM (nvSRAM) family of former SIMTEK products from its portfolio. The list of part numbers identified in this notice represents a family of parts that were manufactured on a production line at Global Foundries in Singapore that has been decommissioned. This process and the equipment used to manufacture these wafers reached the end of their useful lives.

Cypress was able to secure limited inventory of these products with the intent to supply customer requirements through the LTS dates described in this notice at the rates of consumption experienced over the past several years. There is, however, a fixed supply of these products, so customers are encouraged to expeditiously identify and procure commitments for these products to meet their requirements as soon as possible. Cypress will not be able to meet additional requirements once existing inventories are delivered or committed. Once inventories are depleted, Cypress will close parts for further orders, potentially before the identified last time buy date in this PTN.

Next-Best-Alternative (NBA) nvSRAM products are available. The CY14E256LA is a 256Kb (32Kbx8) 5V nvSRAM that closely emulates the family of products identified herein, although it is currently offered only in industrial (-40° to +85°C) temperature grades and in SOIC and TSOP II packages. The Part identified in the attachment is generalized. Please contact Cypress for the specific ordering part number depending on the package type you prefer. Cypress will consider providing this device in hermetic packages with extended operating temperature ranges as customers consider the parametric and functional performance of this part to determine if it is suitable for their requirements.

Last Time Buy (LTB) and Last Time Ship (LTS) dates are provided for each product. The LTB date is the anticipated last day on which orders will be accepted; these orders may be scheduled for shipment through the LTS date provided. Be advised that since this obsolescence is related to a factory shutdown, Cypress may have to close order entry prior to the date listed in the attachment.

Please contact your local Cypress sales representative or e-mail the business unit marketing at nvram@cypress.com for further information.

Part Numbers Affected: 48

Please see the attached 'Affected Parts List' file for a list of part numbers, Last Time Buy dates and Last Time Ship dates.

Qualification Status:

Recommended replacement parts have been previously qualified, unless specifically noted.

Sample Status:

Samples of replacement parts are available. Please contact your local sales representative to place sample orders.

Approximate Implementation Date:

This change is effective with this notification. See attached listing for specified Last Time Buy and Last Time Ship dates by device.

Response Required:

No response required. For additional information regarding this notice, contact Douglas Mitchell at dmit@cypress.com, your local sales representative or The PCN Administrator at pcn_adm@cypress.com.

Sincerely,

Cypress PCN Administration

Item	Marketing Part Number	Item Catalog Category	Last Time Buy Date	Last Time Ship Date	Drop-in Replacement	Next Best Alternative
1	5962-9232404MXA	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
2	5962-9232404MYA	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
3	5962-9232406MYA	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
4	5962-9459901MXA	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
5	5962-9459903MXA	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
6	5962-9459903MYA	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
7	STK10C68-5C45M	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
8	STK11C68-5C55M	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
9	STK11C68-5L35M	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
10	STK11C68-C35I	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
11	STK11C68-SF45	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
12	STK11C68-SF45TR	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
13	STK11C88-NF25I	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
14	STK11C88-NF25ITR	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
15	STK11C88-SF25I	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
16	STK11C88-SF25ITR	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
17	STK11C88-SF45I	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
18	STK11C88-SF45ITR	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
19	STK12C68-5C35M	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
20	STK12C68-5C55M	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
21	STK12C68-5L35M	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
22	STK12C68-5L55M	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
23	STK12C68-SF25	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
24	STK12C68-SF25I	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
25	STK12C68-SF25ITR	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
26	STK12C68-SF25TR	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
27	STK12C68-SF45	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
28	STK12C68-SF45I	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
29	STK12C68-SF45ITR	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
30	STK12C68-SF45TR	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
31	STK14C88-5K45M	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
32	STK14C88-5L35M	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
33	STK14C88-5L45M	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS

34	STK14C88A-WAF	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	NONE
35	STK14C88-C45I	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
36	STK14C88-NF35U	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
37	STK14C88-NF35UTR	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
38	STK15C88-NF25I	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
39	STK15C88-NF25ITR	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
40	STK15C88-NF45	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
41	STK15C88-NF45I	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
42	STK15C88-NF45ITR	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
43	STK15C88-NF45TR	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
44	STK15C88-SF25I	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
45	STK15C88-SF25ITR	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
46	STK15C88-SF45I	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
47	STK15C88-SF45ITR	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS
48	STK20C04-WF25I	Non-volatile SRAM	4-Oct-17	2-Apr-18	NONE	CY14E256LA-SZ/ZS