



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

## PRODUCT CHANGE NOTIFICATION

**PCN:** PCN175004

**Date:** December 21, 2017

**Subject:** Qualification of Fab 25 as an Additional Wafer Fab Site and Test 25 as an Additional Wafer Sort Site for 3V/5V 1Mb Parallel nvSRAM Products

**Change Type:** Major

### **Description of Change:**

Cypress announces the qualification of Fab 25 in Austin, Texas as an additional wafer fab site and Test 25 in Austin, Texas as an additional wafer sort site for 3V/5V 1Mb Parallel nvSRAM products. No design or test program changes were made during this fab transfer. There is no change to product datasheets.

### **Benefit of Change:**

Qualification of alternate manufacturing sites is part of the ongoing flexible manufacturing initiative announced by Cypress. The goal of the flexible manufacturing initiative is to provide the means for Cypress to continue to meet delivery commitments through dynamic, changing market conditions.

### **Affected Part Numbers:** 61

See the attached 'Affected Parts List' file for a list of all part numbers affected by this change. Note that any new parts that are introduced after the publication of this PCN will include all changes outlined in this PCN.

### **Qualification Status:**

This new wafer fabrication site has been qualified through a series of tests identified in the Qualification Test Plan (QTP) Report #170803. This new wafer sort site has been qualified through a series of tests identified in the Qualification Test Plan (QTP) Report #171610. The QTP reports can be found as attachments to this notification or by visiting [www.cypress.com](http://www.cypress.com), typing the QTP number in the keyword search window.

### **Sample Status:**

Qualification samples may not be built ahead of time for all part numbers affected by this change. Please review the attached 'Affected Parts List' file for a list of affected part numbers with their associated Fab 25 sample ordering part numbers. Samples are available now unless there is an indication that the sample ordering part numbers are subject to lead times. If you

require qualification samples, please contact your local Cypress sales representative as soon as possible, preferably within 30 days of the date of this PCN, to place any sample orders.

**Approximate Implementation Date:**

Effective 90 days from the date of this notification, all shipments of the affected part numbers will be fabricated at either SkyWater or Fab 25 and sorted at either SkyWater or Test 25.

**Anticipated Impact:**

Products fabricated at Fab 25 and sorted at Test 25 are completely compatible with existing product from a form, fit, functional, parametric and quality performance perspective.

Cypress also 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.

**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:**

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](mailto:pcn_adm@cypress.com).

Sincerely,

Cypress PCN Administration

Item	Marketing Part Number	Sample Order Part Number
1	CY14101V-1XWI	CY14101V2-1XWI; Subject to lead time
2	CY14B101KA-SP25XI	CY14B101KA2-SP25XI; Subject to lead time
3	CY14B101KA-SP25XIT	CY14B101KA2-SP25XI; Subject to lead time
4	CY14B101KA-SP45XI	CY14B101KA2-SP45XI; Subject to lead time
5	CY14B101KA-SP45XIT	CY14B101KA2-SP45XI; Subject to lead time
6	CY14B101KA-ZS25XI	CY14B101KA2-ZS25XI; Subject to lead time
7	CY14B101KA-ZS25XIT	CY14B101KA2-ZS25XI; Subject to lead time
8	CY14B101KA-ZS45XI	CY14B101KA2-ZS45XI
9	CY14B101KA-ZS45XIT	CY14B101KA2-ZS45XI
10	CY14B101LA-BA25XI	CY14B101LA2-BA25XI; Subject to lead time
11	CY14B101LA-BA25XIT	CY14B101LA2-BA25XI; Subject to lead time
12	CY14B101LA-BA45XI	CY14B101LA2-BA45XI
13	CY14B101LA-BA45XIT	CY14B101LA2-BA45XI
14	CY14B101LA-SP25XI	CY14B101LA2-SP25XI
15	CY14B101LA-SP25XIT	CY14B101LA2-SP25XI
16	CY14B101LA-SP45XI	CY14B101LA2-SP45XI
17	CY14B101LA-SP45XIT	CY14B101LA2-SP45XI
18	CY14B101LA-SZ25XI	CY14B101LA2-SZ25XI
19	CY14B101LA-SZ25XIT	CY14B101LA2-SZ25XI
20	CY14B101LA-SZ45XI	CY14B101LA2-SZ45XI
21	CY14B101LA-SZ45XIT	CY14B101LA2-SZ45XI
22	CY14B101LA-ZS20XI	CY14B101LA2-ZS20XI; Subject to lead time
23	CY14B101LA-ZS20XIT	CY14B101LA2-ZS20XI; Subject to lead time
24	CY14B101LA-ZS25XI	CY14B101LA2-ZS25XI; Subject to lead time
25	CY14B101LA-ZS25XIT	CY14B101LA2-ZS25XI; Subject to lead time
26	CY14B101LA-ZS45XI	CY14B101LA2-ZS45XI
27	CY14B101LA-ZS45XIT	CY14B101LA2-ZS45XI
28	CY14B101NA-ZS25XI	CY14B101NA2-ZS25XI; Subject to lead time
29	CY14B101NA-ZS25XIT	CY14B101NA2-ZS25XI; Subject to lead time
30	CY14B101NA-ZS45XI	CY14B101NA2-ZS45XI
31	CY14B101NA-ZS45XIT	CY14B101NA2-ZS45XI
32	CY14B101Q2-LHXI	CY14B101Q22-LHXI
33	CY14B101Q2-LHXIT	CY14B101Q22-LHXI
34	CY14B101Q3-SFXI	CY14B101Q32-SFXI; Subject to lead time
35	CY14B256KA-SP25XI	CY14B256KA2-SP25XI; Subject to lead time
36	CY14B256KA-SP25XIT	CY14B256KA2-SP25XI; Subject to lead time
37	CY14B256KA-SP45XI	CY14B256KA2-SP45XI; Subject to lead time
38	CY14B256KA-SP45XIT	CY14B256KA2-SP45XI; Subject to lead time
39	CY14B256LA-SP25XI	CY14B256LA2-SP25XI; Subject to lead time
40	CY14B256LA-SP25XIT	CY14B256LA2-SP25XI; Subject to lead time
41	CY14B256LA-SP45XI	CY14B256LA2-SP45XI; Subject to lead time
42	CY14B256LA-SP45XIT	CY14B256LA2-SP45XI; Subject to lead time
43	CY14B256LA-SZ25XI	CY14B256LA2-SZ25XI
44	CY14B256LA-SZ25XIT	CY14B256LA2-SZ25XI
45	CY14B256LA-SZ45XI	CY14B256LA2-SZ45XI
46	CY14B256LA-SZ45XIT	CY14B256LA2-SZ45XI

47	CY14B256LA-ZS25XI	CY14B256LA2-ZS25XI; Subject to lead time
48	CY14B256LA-ZS25XIT	CY14B256LA2-ZS25XI; Subject to lead time
49	CY14B256Q2-LHXI	CY14B256Q22-LHXI; Subject to lead time
50	CY14E256LA-SZ25XI	CY14E256LA2-SZ25XI
51	CY14E256LA-SZ25XIT	CY14E256LA2-SZ25XI
52	CY14E256LA-SZ45XI	CY14E256LA2-SZ45XI
53	CY14E256LA-SZ45XIT	CY14E256LA2-SZ45XI
54	CY14E256LA-SZ45XQ	CY14E256LA2-SZ45XQ; Subject to lead time
55	CY14E256LA-SZ45XQT	CY14E256LA2-SZ45XQ; Subject to lead time
56	CG7299AT	CG7299BT; Subject to lead time
57	CG7299ATT	CG7299BT; Subject to lead time
58	CG7702AA	CG7702BA; Subject to lead time
59	CG7702AAT	CG7702BA; Subject to lead time
60	CG7956AA	CG7956BA; Subject to lead time
61	CG7956AAT	CG7956BA; Subject to lead time