



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

PRODUCT CHANGE NOTIFICATION

PCN: PCN173704

Date: September 17, 2017

Subject: Qualification of Cypress' Fab 25 as an Additional Wafer Fab Site and Cypress' Test 25 as an Additional Wafer Sort Site for the 4Mb Parallel nvSRAM Product Family

Change Type: Major

Description of Change:

Cypress announces the qualification of Cypress' Fab 25 as an Additional Wafer Fab Site and Cypress' Test 25 as an Additional Wafer Sort Site for the 4Mb Parallel nvSRAM Product Family.

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: 81

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:

The wafer fab site and wafer sort site has been qualified through a series of tests documented in the Qualification Test Plan (QTP163004) and (QTP171610). These qualification reports can be found as attachments to this PCN or by visiting www.cypress.com and 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 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.

Sincerely,

Cypress PCN Administration

Item	Marketing Part Number	Sample Order Part Number
1	CY14104V-1XW14I	CY14104V2-1XW14I;Subject to lead time
2	CY14B102NS-BA45XC	CY14B102NS2-BA45XC;Subject to lead time
3	CY14B102NS-BA45XCT	CY14B102NS2-BA45XCT;Subject to lead time
4	CY14B104K-ZS25XI	CY14B104K2-ZS25XI
5	CY14B104K-ZS25XIT	CY14B104K2-ZS25XIT;Subject to lead time
6	CY14B104K-ZS45XI	CY14B104K2-ZS45XI
7	CY14B104K-ZS45XIT	CY14B104K2-ZS45XIT;Subject to lead time
8	CY14B104LA-BA25XI	CY14B104LA2-BA25XI;Subject to lead time
9	CY14B104LA-BA25XIT	CY14B104LA2-BA25XIT;Subject to lead time
10	CY14B104LA-BA45XI	CY14B104LA2-BA45XI;Subject to lead time
11	CY14B104LA-BA45XIT	CY14B104LA2-BA45XIT;Subject to lead time
12	CY14B104LA-ZS20XI	CY14B104LA2-ZS20XI;Subject to lead time
13	CY14B104LA-ZS20XIT	CY14B104LA2-ZS20XIT;Subject to lead time
14	CY14B104LA-ZS25XI	CY14B104LA2-ZS25XI
15	CY14B104LA-ZS25XIT	CY14B104LA2-ZS25XIT;Subject to lead time
16	CY14B104LA-ZS45XI	CY14B104LA2-ZS45XI
17	CY14B104LA-ZS45XIT	CY14B104LA2-ZS45XIT;Subject to lead time
18	CY14B104M-ZSP25XI	CY14B104M2-ZSP25XI;Subject to lead time
19	CY14B104M-ZSP25XIT	CY14B104M2-ZSP25XIT;Subject to lead time
20	CY14B104M-ZSP45XI	CY14B104M2-ZSP45XI
21	CY14B104M-ZSP45XIT	CY14B104M2-ZSP45XIT;Subject to lead time
22	CY14B104NA-BA20XI	CY14B104NA2-BA20XI;Subject to lead time
23	CY14B104NA-BA20XIT	CY14B104NA2-BA20XIT;Subject to lead time
24	CY14B104NA-BA25I	CY14B104NA2-BA25I;Subject to lead time
25	CY14B104NA-BA25IT	CY14B104NA2-BA25IT;Subject to lead time
26	CY14B104NA-BA25XI	CY14B104NA2-BA25XI
27	CY14B104NA-BA25XIT	CY14B104NA2-BA25XIT;Subject to lead time
28	CY14B104NA-BA45XI	CY14B104NA2-BA45XI
29	CY14B104NA-BA45XIT	CY14B104NA2-BA45XIT;Subject to lead time
30	CY14B104NA-ZS20XI	CY14B104NA2-ZS20XI;Subject to lead time
31	CY14B104NA-ZS20XIT	CY14B104NA2-ZS20XIT;Subject to lead time
32	CY14B104NA-ZS25XI	CY14B104NA2-ZS25XI
33	CY14B104NA-ZS25XIT	CY14B104NA2-ZS25XIT;Subject to lead time
34	CY14B104NA-ZS45XI	CY14B104NA2-ZS45XI
35	CY14B104NA-ZS45XIT	CY14B104NA2-ZS45XIT;Subject to lead time
36	CY14B104NA-ZSP25XI	CY14B104NA2-ZSP25XI;Subject to lead time
37	CY14B104NA-ZSP25XIT	CY14B104NA2-ZSP25XIT;Subject to lead time
38	CY14B104NA-ZSP45XI	CY14B104NA2-ZSP45XI;Subject to lead time
39	CY14B104NA-ZSP45XIT	CY14B104NA2-ZSP45XIT;Subject to lead time
40	CY14B108K-ZS25XI	CY14B108K2-ZS25XI;Subject to lead time
41	CY14B108K-ZS25XIT	CY14B108K2-ZS25XIT;Subject to lead time
42	CY14B108K-ZS45XI	CY14B108K2-ZS45XI
43	CY14B108K-ZS45XIT	CY14B108K2-ZS45XIT;Subject to lead time
44	CY14B108L-BA25XI	CY14B108L2-BA25XI;Subject to lead time
45	CY14B108L-BA25XIT	CY14B108L2-BA25XIT;Subject to lead time
46	CY14B108L-BA45XI	CY14B108L2-BA45XI;Subject to lead time
47	CY14B108L-BA45XIT	CY14B108L2-BA45XIT;Subject to lead time
48	CY14B108L-ZS20XI	CY14B108L2-ZS20XI;Subject to lead time

49	CY14B108L-ZS20XIT	CY14B108L2-ZS20XIT;Subject to lead time
50	CY14B108L-ZS25XI	CY14B108L2-ZS25XI;Subject to lead time
51	CY14B108L-ZS25XIT	CY14B108L2-ZS25XIT;Subject to lead time
52	CY14B108L-ZS45XI	CY14B108L2-ZS45XI
53	CY14B108L-ZS45XIT	CY14B108L2-ZS45XIT;Subject to lead time
54	CY14B108M-ZSP25XI	CY14B108M2-ZSP25XI;Subject to lead time
55	CY14B108M-ZSP25XIT	CY14B108M2-ZSP25XIT;Subject to lead time
56	CY14B108M-ZSP45XI	CY14B108M2-ZSP45XI;Subject to lead time
57	CY14B108M-ZSP45XIT	CY14B108M2-ZSP45XIT;Subject to lead time
58	CY14B108N-BA25XI	CY14B108N2-BA25XI
59	CY14B108N-BA25XIT	CY14B108N2-BA25XIT;Subject to lead time
60	CY14B108N-BA45XI	CY14B108N2-BA45XI
61	CY14B108N-BA45XIT	CY14B108N2-BA45XIT;Subject to lead time
62	CY14B108N-ZSP25XI	CY14B108N2-ZSP25XI;Subject to lead time
63	CY14B108N-ZSP25XIT	CY14B108N2-ZSP25XIT;Subject to lead time
64	CY14B108N-ZSP45XI	CY14B108N2-ZSP45XI;Subject to lead time
65	CY14B108N-ZSP45XIT	CY14B108N2-ZSP45XIT;Subject to lead time
66	CYATB108LD-ZS45XI	CYATB108L2-ZS45XI;Subject to lead time
67	CG7285AT	CG8084BT;Subject to lead time
68	CG7498AA	CG7498BA;Subject to lead time
69	CG7498AAT	CG7498BAT
70	CG7499AA	CG7499BA;Subject to lead time
71	CG7499AAT	CG7499BAT;Subject to lead time
72	CG7501AA	CG7501BA;Subject to lead time
73	CG7501AAT	CG7501BAT;Subject to lead time
74	CG7672AA	CG7672BA;Subject to lead time
75	CG7672AAT	CG7672BAT;Subject to lead time
76	CG7832AA	CG7832BA;Subject to lead time
77	CG7832AAT	CG7832BAT;Subject to lead time
78	CG8690AA	CG8690BA;Subject to lead time
79	CG8690AAT	CG8690BAT;Subject to lead time
80	CS8134AA	CS8134BA;Subject to lead time
81	CS8134AAT	CS8134BAT