



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

PRODUCT CHANGE NOTIFICATION

PCN: PCN181105

Date: March 18, 2018

Subject: Qualification of Fab 25 as an Additional Wafer Fab Site and Test 25 as an Additional Wafer Sort Site for 1.8V 1Mb Parallel nvSRAM Products

Change Type: Major

Description of Change:

Cypress announces the qualification of Fab 25 as an additional wafer fab site and Test 25 as an additional wafer sort site in Austin, Texas for 1.8V 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: 20

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 new wafer fabrication site and wafer sort site have been qualified through a series of tests identified in the Qualification Test Plans QTP#172608 and QTP#171610. The QTP reports can be found as attachments to this notification or by visiting 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 perspectives.

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	CY14U256LA-BA35XI	CY14U256LA2-BA35XI
2	CY14U256LA-BA35XIT	CY14U256LA2-BA35XI
3	CY14V101LA-BA25XI	CY14V101LA2-BA25XI; Subject to lead time
4	CY14V101LA-BA25XIT	CY14V101LA2-BA25XI; Subject to lead time
5	CY14V101LA-BA45XI	CY14V101LA2-BA45XI
6	CY14V101LA-BA45XIT	CY14V101LA2-BA45XI
7	CY14V101NA-BA25XI	CY14V101NA2-BA25XI
8	CY14V101NA-BA25XIT	CY14V101NA2-BA25XI
9	CY14V101NA-BA45XI	CY14V101NA2-BA45XI
10	CY14V101NA-BA45XIT	CY14V101NA2-BA45XI
11	CY14V101Q3-SFXI	CY14V101Q32-SFXI; Subject to lead time
12	CY14V101Q3-SFXIT	CY14V101Q32-SFXI; Subject to lead time
13	CY14V256LA-BA35XI	CY14V256LA2-BA35XI
14	CY14V256LA-BA35XIT	CY14V256LA2-BA35XI
15	CG7500AA	CY14V101LA2-BA45XI; Subject to lead time
16	CG7500AAT	CY14V101LA2-BA45XI; Subject to lead time
17	CG8083AA	CY14V101L2A-BA45XI; Subject to lead time
18	CG8083AAT	CY14V101L2A-BA45XI; Subject to lead time
19	CG8561AM	CY14V256LA2-BA35XI; Subject to lead time
20	CG8561AMT	CY14V256LA2-BA35XI; Subject to lead time