



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

PRODUCT CHANGE NOTIFICATION

PCN: PCN181104A

Date: June 13, 2018

Subject: Addendum to PCN181104 - Qualification of Fab 25 as an Additional Wafer Fab Site and Test 25 as an Additional Wafer Sort Site for 1.8V 4Mb Parallel nvSRAM Products

Change Type: Major

Description of Change:

The purpose of this addendum is to communicate the updated version (QTP#1712609 *A) of the fab qualification report communicated in PCN181104. This update corrected the wire from CuPd to Au at ASE-Taiwan on page 5 of the attached QTP report and added clarification that the endurance result for QTP 163004 (page 12) is for 1M cycles. The other QTP report attached on the original PCN is accurate and there is no other change to the initial PCN181104.

Cypress announced 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 4Mb 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: 12

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#172609*A 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 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

- 1 CY14V104LA-BA25XI
- 2 CY14V104LA-BA25XIT
- 3 CY14V104LA-BA45XI
- 4 CY14V104LA-BA45XIT
- 5 CY14V104NA-BA25XI
- 6 CY14V104NA-BA25XIT
- 7 CY14V104NA-BA45XI
- 8 CY14V104NA-BA45XIT
- 9 CG8084AA
- 10 CG8084AAT
- 11 CG8411AA
- 12 CG8411AAT