



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

## PRODUCT CHANGE NOTIFICATION

**PCN:** PCN174001

**Date:** October 02, 2017

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

**Change Type:** Major

### **Description of Change:**

Cypress announces the qualification of Cypress's Fab 25 as an additional wafer fab site and Cypress's Test 25 as an additional wafer sort site for 4Mb automotive-grade nvSRAM products. These changes are part of Cypress's flexible manufacturing initiative.

### **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.

Both changes must be qualified simultaneously in order to ensure continuity of supply given the tight capacity situation. Fab 25 and Test 25 are already being used to fabricate and sort other automotive-grade products.

### **Part Numbers Affected: 6**

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 additional wafer fab and wafer sort sites have been qualified through a series of tests documented in Qualification Test Plans (QTP) 163005 and 171610. These qualification reports can be found as attachments to this PCN or by visiting [www.cypress.com](http://www.cypress.com) and typing the QTP number in the keyword search window.

### **Sample Status:**

Please review the attached 'Affected Parts List' file for a list of affected part numbers with their associated Fab 25 sample ordering part numbers. If you require qualification samples, please contact your local Cypress sales representative as soon as possible, and no later than 30 days from the date of this PCN, to place your order.

**Approximate Implementation Date:**

This change will be effective upon customer approval.

**Anticipated Impact:**

Products fabricated at Fab 25 are completely compatible with existing products from a functional, parametric, and quality performance perspective.

**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**

- 1 CY14B104NA-BA45XE
- 2 CY14B104NA-BA45XET
- 3 CY14B104NA-ZS25XE
- 4 CY14B104NA-ZS25XET
- 5 CY14B104NA-ZS45XE
- 6 CY14B104NA-ZS45XET