



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

## PRODUCT CHANGE NOTIFICATION

**PCN:** PCN170501A

**Date:** December 21, 2017

**Subject:** Addendum to PCN 170501: Qualification of Texas Instruments' DMOS6 as an Additional Wafer Fab Site and Test 25 as an Additional Wafer Sort Site for 2Mb F-RAM Serial Product Family

**To:** PHILIP MAILLET  
FUTURE  
pcn.system2@future.ca

**Change Type:** Major

### Description of Change:

The purpose of this addendum is to add parts to the parts list that were not included in the original PCN. The added part numbers can be identified in the affected parts list with PCN170501A in column D.

Cypress announced the qualification of Texas Instruments' DMOS6 as an additional wafer fab site and Test 25 as an additional wafer sort site for its 2Mb F-RAM Serial Product Family. This qualification is part of the flexible manufacturing initiative which allows Cypress to meet its delivery commitments in dynamic, changing market conditions.

### 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.

### Part Numbers Affected: 13

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. This addendum adds parts with PCN170501A in column D.

### Qualification Status:

This wafer fab site has been qualified through a series of tests documented in the Qualification Test Plan (QTP) Report #143905. The new wafer sort site has been qualified through a series of tests documented in the Qualification Test Plan (QTP) Report # 170503. This qualification report can be found as an attachment 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:**

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 DMOS6 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:**

Note that the original part numbers in PCN170501 may already be fabricated at DMOS6 and sorted at Test 25. Effective 90 days from the date of this notification or upon customer approval, whichever comes first, all shipments of the added part numbers in the attached file may be supplied from any of the qualified manufacturing sites.

**Anticipated Impact:**

Products fabricated at DMOS6 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