



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

PRODUCT CHANGE NOTIFICATION

PCN: PCN172001

Date: May 23, 2017

Subject: Qualification of TI DMOS6 as an Additional Wafer Fab Site and Cypress's Test 25 as an Additional Wafer Sort Site for Select 128Kb/256Kb F-RAM Serial Industrial-Grade Products.

To: TOKYO ELECTRON DEVICE
TELDEVICE
cy-inside@teldevice.co.jp

Change Type: Major

Description of Change:

Cypress announces the qualification of Texas Instruments DMOS6 as an additional wafer fab site and Test 25 as an additional wafer sort site for its 128Kb/256Kb F-RAM Serial Industrial-grade 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 DMOS6 and Test 25 as 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: 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 changes listed in this PCN have been qualified through a series of tests documented in the Qualification Test Plan (QTP) reports indicated in the table below. Qualification reports can be found as attachments to this notification or by visiting www.cypress.com and typing the QTP number in the keyword search window.

Qualification	QTP Report Number
TI DMOS6 Wafer Fab for 128Kb/256Kb F-RAM Serial Industrial-Grade	154905
F-RAM Wafer Sort at Test 25 Site	170503

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:

Effective 90 days from the date of this notification or upon customer approval, whichever comes first, all shipments of the affected part numbers in the attached file may be supplied from DMOS6 or any of the qualified manufacturing sites.

Anticipated Impact:

Products assembled at the new site are completely compatible with existing products from a functional, parametric, and quality performance perspective.

Cypress 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 and through a revision letter on the die.

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