



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

PRODUCT CHANGE NOTIFICATION

PCN: PCN170903

Date: March 07, 2017

Subject: Qualification of Texas Instruments' DMOS6 as a Replacement Wafer Fab Site and Cypress' Test 25 as an Additional Wafer Sort Site for 64Kb/16Kb/4Kb F-RAM Serial Automotive-grade Products

To:

Change Type: Major

Description of Change:

Cypress announces the qualification of Texas Instruments' DMOS6 as a replacement wafer fab site and Cypress' Test 25 as an additional wafer sort site for 64Kb/16Kb/4Kb F-RAM Serial Automotive-grade family of products. This qualification is part of the flexible manufacturing initiative which allows Cypress to meet its delivery commitments in dynamic, changing market conditions.

Cypress will be discontinuing the existing part numbers currently manufactured in the Texas Instruments' DMOS5 fab. The new products manufactured in the Texas Instruments' DMOS6 fab are either drop-in replacement or next best alternative parts. The list of affected part numbers, replacement part numbers, next best alternatives, Last Time Buy (LTB) and Last Time Ship (LTS) dates are provided in the attached 'Affected Parts List' file.

Benefit of Change:

By adding DMOS6 wafer fab and Test 25 sort sites, Cypress will have the added capability to meet upside market demand, and ensure consistent and reliable delivery to customers.

Affected Part Numbers:

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 Plans (QTPs) reports indicated in the table below. These 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 Qualification	154906
FRAM Wafer Sort Qualification at Test 25 site	170503

Sample Status:

Qualification samples are not built ahead of time for all part numbers affected by this change. Please review the attached file for a list of affected part numbers with their associated sample ordering part numbers. Please contact your Sales Representative as soon as possible, but within 30 days of the date of this PCN, to place any sample orders.

Approximate Implementation Date:

This PCN will be implemented upon customer approval. The DMOS5 Products listed in attached file are subject to End of Life (EOL) with the Last Time Buy (LTB) and Last Time Ship (LTS) dates.

Anticipated Impact:

Products manufactured are completely compatible with existing product from a functional, parametric, and quality performance perspective. Customers are requested to take note of the LTB and LTS dates indicated in the attachment.

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.

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	Last Time Buy Date	Last Time Ship Date	Replacement Part Number	Next Best Alternative
1	CG8368AA	3rd Jan 2018	1st Oct 2018	CY15B064Q-SXE	
2	CG8368AAT	3rd Jan 2018	1st Oct 2018	CY15B064Q-SXE	
3	FM24CL64B-GA	3rd Jan 2018	1st Oct 2018	CY15B064J-SXE	
4	FM24CL64B-GATR	3rd Jan 2018	1st Oct 2018	CY15B064J-SXET	
5	FM25040B-GA	3rd Jan 2018	1st Oct 2018	CY15E004Q-SXE	
6	FM25040B-GA1	3rd Jan 2018	1st Oct 2018		CY15E004Q-SXE
7	FM25040B-GA1TR	3rd Jan 2018	1st Oct 2018		CY15E004Q-SXET
8	FM25040B-GATR	3rd Jan 2018	1st Oct 2018	CY15E004Q-SXET	
9	FM25640B-GA	3rd Jan 2018	1st Oct 2018	CY15E064Q-SXE	
10	FM25640B-GATR	3rd Jan 2018	1st Oct 2018	CY15E064Q-SXET	
11	FM25C160B-GA	3rd Jan 2018	1st Oct 2018	CY15E016Q-SXE	
12	FM25C160B-GATR	3rd Jan 2018	1st Oct 2018	CY15E016Q-SXET	
13	FM25CL64B-GA	3rd Jan 2018	1st Oct 2018	CY15B064Q-SXE	
14	FM25CL64B-GATR	3rd Jan 2018	1st Oct 2018	CY15B064Q-SXET	
15	FM25L04B-GA	3rd Jan 2018	1st Oct 2018	CY15B004Q-SXE	
16	FM25L04B-GA4	3rd Jan 2018	1st Oct 2018		CY15B004Q-SXE
17	FM25L04B-GA4TR	3rd Jan 2018	1st Oct 2018		CY15B004Q-SXET
18	FM25L04B-GATR	3rd Jan 2018	1st Oct 2018	CY15B004Q-SXET	