



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

PRODUCT CHANGE NOTIFICATION

PCN: PCN201502B

Date: October 01, 2020

Subject: Addendum to PCN201502A - Qualification of Fab 25 as an Alternate Wafer Fab Site and a Bond Wire Change for Industrial-Grade 4Kb, 16Kb and 64Kb F-RAM Products

To:

Change Type: Major

Description of Change:

The purpose of this addendum is to add additional parts to the affected part list. Refer to the "Remark" in the affected parts list.

Cypress announced the qualification of Fab 25 (5204 East Ben White Boulevard, Austin, TX78741, USA) as an alternate wafer fab site for industrial-grade 4Kb, 16Kb and 64Kb F-RAM products. The new industrial-grade 4Kb, 16Kb and 64Kb F-RAM products are form, fit and function compatible with the current industrial-grade 4Kb, 16Kb and 64Kb F-RAM products manufactured at Global Foundries. Additionally, for products in the DFN package, the wire material is changed from Au to CuPdAu. There will be no change to the existing marketing part numbers.

Benefit of Change:

Qualification of alternate manufacturing sites and technologies is part of Cypress' ongoing flexible manufacturing initiative. 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: 60

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

Qualification Status:

This wafer fab site has been qualified through a series of tests documented in the Qualification Test Plan QTP#192810 and QTP#194521. These qualification reports can be found as

attachments to this PCN or by visiting 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 Wafer Fab site 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 Industrial part numbers in the attached file will be supplied from Fab25 or other approved wafer fabrication sites.

Anticipated Impact:

Products fabricated at the new site are completely compatible with existing products 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	Family	Sample Order Part Number	Sample Availability	Remark
1	FM24C04B-G	FRAM	FM24C04B8-G	Available	
2	FM24C04B-GTR	FRAM	FM24C04B8-G	Available	Added in PCN201502A
3	FM24C16B-G	FRAM	FM24C16B8-G	Available	
4	FM24C16B-GTR	FRAM	FM24C16B8-G	Available	Added in PCN201502A
5	FM24C64B-G	FRAM	FM24C64B8-G	Available	
6	FM24C64B-GTR	FRAM	FM24C64B8-G	Available	Added in PCN201502A
7	FM24CL04B-G	FRAM	FM24CL04B8-G	Available	
8	FM24CL04B-GTR	FRAM	FM24CL04B8-G	Available	Added in PCN201502A
9	FM24CL16B-DG	FRAM	FM24CL16B8-DG	Available	
10	FM24CL16B-DGTR	FRAM	FM24CL16B8-DG	Available	Added in PCN201502A
11	FM24CL16B-G	FRAM	FM24CL16B8-G	Available	
12	FM24CL16B-GTR	FRAM	FM24CL16B8-G	Available	Added in PCN201502A
13	FM24CL64B-DG	FRAM	FM24CL64B8-DG	Available	
14	FM24CL64B-DGTR	FRAM	FM24CL64B8-DG	Available	Added in PCN201502A
15	FM24CL64B-G	FRAM	FM24CL64B8-G	Available	
16	FM24CL64B-GTR	FRAM	FM24CL64B8-G	Available	Added in PCN201502A
17	FM25040B-G	FRAM	FM25040B8-G	Available	
18	FM25040B-GTR	FRAM	FM25040B8-G	Available	Added in PCN201502A
19	FM25640B-G	FRAM	FM25640B8-G	Available	
20	FM25640B-GTR	FRAM	FM25640B8-G	Available	Added in PCN201502A
21	FM25C160B-G	FRAM	FM25C160B8-G	Available	
22	FM25C160B-GTR	FRAM	FM25C160B8-G	Available	Added in PCN201502A
23	FM25CL64B-DG	FRAM	FM25CL64B8-DG	Available	
24	FM25CL64B-DGTR	FRAM	FM25CL64B8-DG	Available	Added in PCN201502A
25	FM25CL64B-G	FRAM	FM25CL64B8-G	Available	
26	FM25CL64B-GTR	FRAM	FM25CL64B8-G	Available	Added in PCN201502A
27	FM25L04B-DG	FRAM	FM25L04B8-DG	Available	
28	FM25L04B-DGTR	FRAM	FM25L04B8-DG	Available	Added in PCN201502A
29	FM25L04B-G	FRAM	FM25L04B8-G	Available	
30	FM25L04B-GTR	FRAM	FM25L04B8-G	Available	Added in PCN201502A
31	FM25L16B-DG	FRAM	FM25L16B8-DG	Available	
32	FM25L16B-DGTR	FRAM	FM25L16B8-DG	Available	Added in PCN201502A
33	FM25L16B-G	FRAM	FM25L16B8-G	Available	
34	FM25L16B-GTR	FRAM	FM25L16B8-G	Available	Added in PCN201502A
35	CG8721AM	FRAM	FM24C04B8-G	Available	Added in PCN201502B
36	CG8721AMT	FRAM	FM24C04B8-G	Available	Added in PCN201502B
37	CG8722AM	FRAM	FM24CL04B8-G	Available	Added in PCN201502B
38	CG8722AMT	FRAM	FM24CL04B8-G	Available	Added in PCN201502B
39	CG8723AM	FRAM	FM24C16B8-G	Available	Added in PCN201502B
40	CG8723AMT	FRAM	FM24C16B8-G	Available	Added in PCN201502B
41	CG8724AM	FRAM	FM24CL16B8-G	Available	Added in PCN201502B
42	CG8724AMT	FRAM	FM24CL16B8-G	Available	Added in PCN201502B
43	CG8727AM	FRAM	FM25L16B8-G	Available	Added in PCN201502B
44	CG8727AMT	FRAM	FM25L16B8-G	Available	Added in PCN201502B
45	CG8878AM	FRAM	FM24C64B8-G	Available	Added in PCN201502B
46	CG8878AMT	FRAM	FM24C64B8-G	Available	Added in PCN201502B
47	CG8879AM	FRAM	FM24CL64B8-G	Available	Added in PCN201502B
48	CG8879AMT	FRAM	FM24CL64B8-G	Available	Added in PCN201502B
49	CG8880AM	FRAM	FM25640B8-G	Available	Added in PCN201502B
50	CG8880AMT	FRAM	FM25640B8-G	Available	Added in PCN201502B
51	CG8881AM	FRAM	FM25C160B8-G	Available	Added in PCN201502B

52	CG8881AMT	FRAM	FM25C160B8-G	Available	Added in PCN201502B
53	CG8886AM	FRAM	FM25CL64B8-G	Available	Added in PCN201502B
54	CG8886AMT	FRAM	FM25CL64B8-G	Available	Added in PCN201502B
55	CG8956AM	FRAM	FM24CL04B8-G	Available	Added in PCN201502B
56	CG8956AMT	FRAM	FM24CL04B8-G	Available	Added in PCN201502B
57	CG8957AM	FRAM	FM24CL16B8-G	Available	Added in PCN201502B
58	CG8957AMT	FRAM	FM24CL16B8-G	Available	Added in PCN201502B
59	CG8960AM	FRAM	FM25L04B8-G	Available	Added in PCN201502B
60	CG8960AMT	FRAM	FM25L04B8-G	Available	Added in PCN201502B