



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

PRODUCT CHANGE NOTIFICATION

PCN: PCN181401

Date: April 04, 2018

Subject: Qualification of Cypress Fab 25 as an Additional Wafer Fab Site and Marketing Part Number Change for New 8FX Series 8-bit Proprietary Core Microcontroller Products

To:

Change Type: Major

Description of Change:

Cypress announces the qualification of Cypress Fab 25 in Austin, Texas as an additional wafer foundry site for the fabrication of New 8FX Series 8-bit Proprietary Core Microcontroller products that are currently fabricated at Fujitsu Semiconductor Manufacturing, Inc. Japan (AFSM). In addition, the part number is changing from an MB prefix to a CY prefix, including a marking change of “F-logo” or “Spansion logo” removal. This change corresponds to GR3-B in APCN173705B.

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: 21

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:

This wafer foundry site has been qualified through a series of tests documented in the Qualification Test Plan QTP#160810. The qualification report can be found as an attachment to this PCN or by visiting 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 Cypress Fab 25 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, all shipments of the affected part numbers in the attached file will be supplied from Cypress Fab 25 in Austin, Texas or other approved wafer fabrication sites.

Anticipated Impact:

Products assembled 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	AFSM Marketing Part Number	Fab 25 Marketing Part Number (New Part Number)
1	MB95F563HNPFT-G-SNERE2	CY95F563HNPFT-G-UNERE2
2	MB95F563HPFT-G-105SNERE2	CY95F563HPFT-G-105UNERE2
3	MB95F563HPFT-G-106SNERE2	CY95F563HPFT-G-106UNERE2
4	MB95F563HPFT-G-SNERE2	CY95F563HPFT-G-UNERE2
5	MB95F633HPMC-G-SNERE2	CY95F633HPMC-G-UNERE2
6	MB95F634HNPMC-G110SNERE2	CY95F634HNPMC-G110UNERE2
7	MB95F634HNPMC-G-111-SNE2	CY95F634HNPMC-G-111-UNE2
8	MB95F634HNPMC-G-SNE2	CY95F634HNPMC-G-UNE2
9	MB95F634HNPMC-G-SNERE2	CY95F634HNPMC-G-UNERE2
10	MB95F634HPMC-G-SNE2	CY95F634HPMC-G-UNE2
11	MB95F636HNPMC-G113SNERE2	CY95F636HNPMC-G113UNERE2
12	MB95F636HNPMC-G-SNERE2	CY95F636HNPMC-G-UNERE2
13	MB95F718JPMC-G-SNE2	CY95F718JPMC-G-UNE2
14	MB95F778ENPMC1-G-105SNE2	CY95F778ENPMC1-G-105UNE2
15	MB95F778ENPMC1-G-107SNE2	CY95F778ENPMC1-G-107UNE2
16	MB95F778EPMC1-G-SNE2	CY95F778EPMC1-G-UNE2
17	MB95F778EPMC2-G-SNE2	CY95F778EPMC2-G-UNE2
18	MB95F778JNPMC1-G-SNE2	CY95F778JNPMC1-G-UNE2
19	MB95F778JNPMC2-G-SNE2	CY95F778JNPMC2-G-UNE2
20	MB95F778JPMC2-G-SNE2	CY95F778JPMC2-G-UNE2
21	MB95F778LPMC1-G-SNE2	CY95F778LPMC1-G-UNE2