



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

## PRODUCT CHANGE NOTIFICATION

**PCN:** PCN180406

**Date:** January 25, 2018

**Subject:** Qualification of Cypress Fab 25 as an Additional Wafer Fab Site for New 8FX Series 8-bit Proprietary Core Microcontroller and FM3 Series 32-bit ARM Core Microcontroller Products

**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 and FM3 Series 32-bit ARM Core Microcontroller products that are currently fabricated at Fujitsu Semiconductor Manufacturing, Inc. Japan (AFSM).

MB95710L datasheet can be downloaded in [www.cypress.com](http://www.cypress.com) using this link: <http://www.cypress.com/file/238696/download> and the rest of the datasheets can be found as an attachment to this PCN. For the Japanese version of the datasheets, please contact Manabu Murasawa at [Manabu.Murasawa@cypress.com](mailto:Manabu.Murasawa@cypress.com).

### **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: 26**

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) No. 160810. 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 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 a 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

<b>Item</b>	<b>Marketing Part Number</b>	<b>Fab 25 Marketing Part Number (New Part Number)</b>
1	MB95F563KNPFT-G114SNERE2	MB95F563KNPFT-G114UNERE2
2	MB95F563KNPFT-G115SNERE2	MB95F563KNPFT-G115UNERE2
3	MB95F563KNPFT-G-SNERE2	MB95F563KNPFT-G-UNERE2
4	MB95F564KPFT-G-110SNERE2	MB95F564KPFT-G-110UNERE2
5	MB95F564KPFT-G-113SNERE2	MB95F564KPFT-G-113UNERE2
6	MB95F634KNPMC-G-106-SNE2	MB95F634KNPMC-G-106-UNE2
7	MB95F634KNPMC-G-107-SNE2	MB95F634KNPMC-G-107-UNE2
8	MB95F694KNPMC-G-SNE2	MB95F694KNPMC-G-UNE2
9	MB95F694KPMC-G-SNE2	MB95F694KPMC-G-UNE2
10	MB95F696KNPMC-G-SNE2	MB95F696KNPMC-G-UNE2
11	MB95F698KNPMC-G114SNERE2	MB95F698KNPMC-G114UNERE2
12	MB95F718ENPMC1-G-SNE2	MB95F718ENPMC1-G-UNE2
13	MB9AF104NAPMC-G-JNE1	MB9AF104NAPMC-G-UNE1
14	MB9AF131KAPMC-G-105-SNE2	MB9AF131KAPMC-G-105-UNE2
15	MB9BF104NAPMC-G-JNE1	MB9BF104NAPMC-G-UNE1
16	MB9BF106NAPMC-G-JNE1	MB9BF106NAPMC-G-UNE1
17	MB9BF106NAPMC-G-JNE2	MB9BF106NAPMC-G-UNE2
18	MB9BF106RAPMC-G-JNE1	MB9BF106RAPMC-G-UNE1
19	MB9BF106RAPMC-G-JNE2	MB9BF106RAPMC-G-UNE2
20	MB9BF304NBPMC-G-JNE1	MB9BF304NBPMC-G-UNE1
21	MB9BF306NBPMC-G-JNE1	MB9BF306NBPMC-G-UNE1
22	MB9BF306NBPMC-G-JNE2	MB9BF306NBPMC-G-UNE2
23	MB9BF404NAPMC-G-JNE2	MB9BF404NAPMC-G-UNE2
24	MB9BF504NBPMC-G-JNE2	MB9BF504NBPMC-G-UNE2
25	MB9BF506RBPMC-G-JNE1	MB9BF506RBPMC-G-UNE1
26	MB9BF506RBPMC-G-JNE2	MB9BF506RBPMC-G-UNE2