



Cypress Semiconductor Corporation – An Infineon Technologies Company
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PRODUCT TERMINATION NOTIFICATION

PTN: PTN211802

Date: May 06, 2021

Subject: New Part Numbers for Select FM3 and FM4 Arm Cortex 32-Bit Microcontrollers

Product Obsolescence Information:

Cypress announces the introduction of new part numbers for select FM3 and FM4 Arm Cortex 32-bit Microcontrollers.

Products associated with the new part numbers will be fabricated at either United Semiconductor Japan Co., Ltd (**USJC**, 2000, Mizono, Tado-cho, Kuwana, Mie, 511-0118, Japan) or Semiconductor Manufacturing International Corporation (**SMIC**, 18 Zhangjiang Road, Pudong New Area, Shanghai, People's Republic of China) and assembled and tested at Tongfu Microelectronics, Co. Ltd. (**TFME**, No.288, Chongchuan Road, Nantong, Jiangsu, China) or Amkor Technology Japan, Inc. (**ATJ**, 3500, Matsuoka, Oita-shi Oita 870-0197 Japan).

Products manufactured with the new part numbers are form, fit, function compatible to the products manufactured using the existing part numbers that are fabricated only at SMIC. The existing part numbers will be closed to order entry on July 30, 2021. Your Sales contact will work with you prior to this date to convert existing backlog.

The new part numbers will provide Cypress with the added capability to meet upside market demand, reduce business continuity risk, and ensure consistent and reliable delivery to customers in dynamic, changing market conditions.

Part Numbers Affected: 87

See the attached 'Affected Parts List' file for a list of all part numbers affected by this change.

Approximate Implementation Date:

Effective July 31, 2021, orders will only be accepted on the new part numbers. The new part numbers will be supplied from either SMIC or USJC.

Anticipated Impact:

The new part numbers are completely compatible with the corresponding wafer fabrication sites-dependent part numbers from form, fit, functional, parametric and quality performance perspectives.

Customers will need to update their ordering part numbers to the new marketing part numbers as shown in the attached spreadsheet.

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 required.

For additional information regarding this notice, contact the personnel listed in the table below, your local sales representative, or the PCN Administrator at pcn_adm@cypress.com.

Sincerely,

Cypress PCN Administration



On 16 April 2020, Infineon Technologies acquired Cypress. We are now in the process of merging and consolidating our tools and processes for PCN, Information Notes, Errata and Product Discontinuance. For further details, please visit our website: <https://www.infineon.com/cms/en/about-infineon/company/cypress-acquisition/>

Item	USJC Marketing Part Number	Family	SMIC Marketing Part Number	New Marketing Part Number
1	CY9BF168RPMC-G-JNERE2	MM MCU	CY9BF168RPMC-G-MNERE2	CY9BF168RPMC-GNERE2
2	MB9AF111LAPMC1-G-105JNE2	MM MCU	CY9AF111LAPMC1-G-105MNE2	CY9AF111LAPMC1-G-105NE2
3	MB9AF111LAPMC1-G-106JNE2	MM MCU	CY9AF111LAPMC1-G-106MNE2	CY9AF111LAPMC1-G-106NE2
4	MB9AF111LAPMC1-G-JNE2	MM MCU	CY9AF111LAPMC1-G-MNE2	CY9AF111LAPMC1-GNE2
5	MB9AF111LAPMC-G-JNE2	MM MCU	CY9AF111LAPMC-G-MNE2	CY9AF111LAPMC-GNE2
6	MB9AF111LPMC1-GE1	MM MCU	CY9AF111LPMC1-G-MJE1	CY9AF111LPMC1-GE1
7	MB9AF111LPMC-GE1	MM MCU	CY9AF111LPMC-G-MJE1	CY9AF111LPMC-GE1
8	MB9AF111MAPMC-GE1	MM MCU	CY9AF111MAPMC-G-MJE1	CY9AF111MAPMC-GE1
9	MB9AF111MAPMC-G-JNE2	MM MCU	CY9AF111MAPMC-G-MNE2	CY9AF111MAPMC-GNE2
10	MB9AF111NAPMC-G-JNE2	MM MCU	CY9AF111NAPMC-G-MNE2	CY9AF111NAPMC-GNE2
11	MB9AF111NPMC-GE1	MM MCU	CY9AF111NPMC-G-MJE1	CY9AF111NPMC-GE1
12	MB9AF112LAPMC1-G-JNE2	MM MCU	CY9AF112LAPMC1-G-MNE2	CY9AF112LAPMC1-GNE2
13	MB9AF112LAPMC-G-JNE2	MM MCU	CY9AF112LAPMC-G-MNE2	CY9AF112LAPMC-GNE2
14	MB9AF112LPMC1-G-JNE1	MM MCU	CY9AF112LPMC1-G-MNE1	CY9AF112LPMC1-GNE1
15	MB9AF112LPMC-GE1	MM MCU	CY9AF112LPMC-G-MJE1	CY9AF112LPMC-GE1
16	MB9AF112MAPMC-G-JNE2	MM MCU	CY9AF112MAPMC-G-MNE2	CY9AF112MAPMC-GNE2
17	MB9AF112MPMC-GE1	MM MCU	CY9AF112MPMC-G-MJE1	CY9AF112MPMC-GE1
18	MB9AF112MPMC-G-JNE1	MM MCU	CY9AF112MPMC-G-MNE1	CY9AF112MPMC-GNE1
19	MB9AF112NAPMC-G-JNE2	MM MCU	CY9AF112NAPMC-G-MNE2	CY9AF112NAPMC-GNE2
20	MB9AF112NPMC-G-103E1	MM MCU	CY9AF112NPMC-G-103MJE1	CY9AF112NPMC-G-103E1
21	MB9AF112NPMC-G-104E1	MM MCU	CY9AF112NPMC-G-104MJE1	CY9AF112NPMC-G-104E1
22	MB9AF112NPMC-G-107E1	MM MCU	CY9AF112NPMC-G-107MJE1	CY9AF112NPMC-G-107E1
23	MB9AF112NPMC-GE1	MM MCU	CY9AF112NPMC-G-MJE1	CY9AF112NPMC-GE1
24	MB9AF112NPMC-G-JNE1	MM MCU	CY9AF112NPMC-G-MNE1	CY9AF112NPMC-GNE1
25	MB9AF114LAPMC1-GE1	MM MCU	CY9AF114LAPMC1-G-MJE1	CY9AF114LAPMC1-GE1
26	MB9AF114LAPMC1-G-JNE2	MM MCU	CY9AF114LAPMC1-G-MNE2	CY9AF114LAPMC1-GNE2
27	MB9AF114LAPMC-G-JNE2	MM MCU	CY9AF114LAPMC-G-MNE2	CY9AF114LAPMC-GNE2
28	MB9AF114LPMC1-GE1	MM MCU	CY9AF114LPMC1-G-MJE1	CY9AF114LPMC1-GE1
29	MB9AF114LPMC-GE1	MM MCU	CY9AF114LPMC-G-MJE1	CY9AF114LPMC-GE1
30	MB9AF114MAPMC-GE1	MM MCU	CY9AF114MAPMC-G-MJE1	CY9AF114MAPMC-GE1
31	MB9AF114MAPMC-G-JNE2	MM MCU	CY9AF114MAPMC-G-MNE2	CY9AF114MAPMC-GNE2
32	MB9AF114NAPMC-GE1	MM MCU	CY9AF114NAPMC-G-MJE1	CY9AF114NAPMC-GE1
33	MB9AF114NAPMC-G-F4E1	MM MCU	CY9AF114NAPMC-G-F4MJE1	CY9AF114NAPMC-G-F4E1
34	MB9AF114NAPMC-G-JNE2	MM MCU	CY9AF114NAPMC-G-MNE2	CY9AF114NAPMC-GNE2
35	MB9AF114NPMC-GE1	MM MCU	CY9AF114NPMC-G-MJE1	CY9AF114NPMC-GE1
36	MB9AF114NPMC-G-JNE1	MM MCU	CY9AF114NPMC-G-MNE1	CY9AF114NPMC-GNE1
37	MB9AF115MAPMC-G-JNE2	MM MCU	CY9AF115MAPMC-G-MNE2	CY9AF115MAPMC-GNE2
38	MB9AF115NAPMC-G-JNE2	MM MCU	CY9AF115NAPMC-G-MNE2	CY9AF115NAPMC-GNE2
39	MB9AF116MAPMC-G-JNE2	MM MCU	CY9AF116MAPMC-G-MNCGE2	CY9AF116MAPMC-GNCGE2
40	MB9AF116MPMC-G-JNE1	MM MCU	CY9AF116MPMC-G-MNE1	CY9AF116MPMC-GNE1
41	MB9AF116NAPMC-G-JNE2	MM MCU	CY9AF116NAPMC-G-MNE2	CY9AF116NAPMC-GNE2
42	MB9AF116NPMC-G-JNE1	MM MCU	CY9AF116NPMC-G-MNE1	CY9AF116NPMC-GNE1
43	MB9AF311LAPMC1-G-JNE2	MM MCU	CY9AF311LAPMC1-G-MNE2	CY9AF311LAPMC1-GNE2
44	MB9AF311LAPMC-G-JNE2	MM MCU	CY9AF311LAPMC-G-MNE2	CY9AF311LAPMC-GNE2
45	MB9AF311LPMC1-GE1	MM MCU	CY9AF311LPMC1-G-MJE1	CY9AF311LPMC1-GE1
46	MB9AF311MAPMC-G-JNE2	MM MCU	CY9AF311MAPMC-G-MNE2	CY9AF311MAPMC-GNE2
47	MB9AF311NAPMC-G-JNE2	MM MCU	CY9AF311NAPMC-G-MNE2	CY9AF311NAPMC-GNE2
48	MB9AF312LAPMC1-G-JNE2	MM MCU	CY9AF312LAPMC1-G-MNE2	CY9AF312LAPMC1-GNE2
49	MB9AF312LPMC1-GE1	MM MCU	CY9AF312LPMC1-G-MJE1	CY9AF312LPMC1-GE1
50	MB9AF312LPMC-GE1	MM MCU	CY9AF312LPMC-G-MJE1	CY9AF312LPMC-GE1
51	MB9AF312MAPMC-G-JNE2	MM MCU	CY9AF312MAPMC-G-MNE2	CY9AF312MAPMC-GNE2
52	MB9AF312NAPMC-G-JNE2	MM MCU	CY9AF312NAPMC-G-MNE2	CY9AF312NAPMC-GNE2
53	MB9AF314LAPMC1-GE1	MM MCU	CY9AF314LAPMC1-G-MJE1	CY9AF314LAPMC1-GE1
54	MB9AF314LAPMC1-G-JNE2	MM MCU	CY9AF314LAPMC1-G-MNE2	CY9AF314LAPMC1-GNE2
55	MB9AF314LAPMC-G-JNE2	MM MCU	CY9AF314LAPMC-G-MNE2	CY9AF314LAPMC-GNE2

56	MB9AF314LPMC1-GE1	MM MCU	CY9AF314LPMC1-G-MJE1	CY9AF314LPMC1-GE1
57	MB9AF314LPMC-GE1	MM MCU	CY9AF314LPMC-G-MJE1	CY9AF314LPMC-GE1
58	MB9AF314MAPMC-G-JNE2	MM MCU	CY9AF314MAPMC-G-MNE2	CY9AF314MAPMC-GNE2
59	MB9AF314MPMC-GE1	MM MCU	CY9AF314MPMC-G-MJE1	CY9AF314MPMC-GE1
60	MB9AF314NAPMC-GE1	MM MCU	CY9AF314NAPMC-G-MJE1	CY9AF314NAPMC-GE1
61	MB9AF314NAPMC-G-JNE2	MM MCU	CY9AF314NAPMC-G-MNE2	CY9AF314NAPMC-GNE2
62	MB9AF314NPMC-GE1	MM MCU	CY9AF314NPMC-G-MJE1	CY9AF314NPMC-GE1
63	MB9AF315MAPMC-G-JNE2	MM MCU	CY9AF315MAPMC-G-MNE2	CY9AF315MAPMC-GNE2
64	MB9AF315NAPMC-G-JNE2	MM MCU	CY9AF315NAPMC-G-MNE2	CY9AF315NAPMC-GNE2
65	MB9AF316MAPMC-G-JNE2	MM MCU	CY9AF316MAPMC-G-MNE2	CY9AF316MAPMC-GNE2
66	MB9AF316NAPMC-G-JNE2	MM MCU	CY9AF316NAPMC-G-MNE2	CY9AF316NAPMC-GNE2
67	MB9BF166NPMC-G-JNE2	MM MCU	CY9BF166NPMC-G-MNE2	CY9BF166NPMC-GNE2
68	MB9BF166RPMC-G-JNE2	MM MCU	CY9BF166RPMC-G-MNE2	CY9BF166RPMC-GNE2
69	MB9BF167NPMC-G-JNE2	MM MCU	CY9BF167NPMC-G-MNE2	CY9BF167NPMC-GNE2
70	MB9BF167RPMC-G-JNE2	MM MCU	CY9BF167RPMC-G-MNE2	CY9BF167RPMC-GNE2
71	MB9BF168MPMC-G-JNE2	MM MCU	CY9BF168MPMC-G-MNE2	CY9BF168MPMC-GNE2
72	MB9BF168NPMC-G-JNE2	MM MCU	CY9BF168NPMC-G-MNE2	CY9BF168NPMC-GNE2
73	MB9BF168RPMC-G-JNE2	MM MCU	CY9BF168RPMC-G-MNE2	CY9BF168RPMC-GNE2
74	MB9BF366NPMC-G-JNE2	MM MCU	CY9BF366NPMC-G-MNE2	CY9BF366NPMC-GNE2
75	MB9BF366RPMC-G-JNE2	MM MCU	CY9BF366RPMC-G-MNE2	CY9BF366RPMC-GNE2
76	MB9BF367MPMC-G-JNE2	MM MCU	CY9BF367MPMC-G-MNE2	CY9BF367MPMC-GNE2
77	MB9BF368NPMC-G-JNE2	MM MCU	CY9BF368NPMC-G-MNE2	CY9BF368NPMC-GNE2
78	MB9BF466NPMC-G-JNE2	MM MCU	CY9BF466NPMC-G-MNE2	CY9BF466NPMC-GNE2
79	MB9BF466RPMC-G-JNE2	MM MCU	CY9BF466RPMC-G-MNE2	CY9BF466RPMC-GNE2
80	MB9BF466RPMC-G-JNK1E2	MM MCU	CY9BF466RPMC-G-MNK1E2	CY9BF466RPMC-GNK1E2
81	MB9BF468NPMC-G-JNE2	MM MCU	CY9BF468NPMC-G-MNE2	CY9BF468NPMC-GNE2
82	MB9BF566MPMC-G-JNE2	MM MCU	CY9BF566MPMC-G-MNE2	CY9BF566MPMC-GNE2
83	MB9BF566NPMC-G-JNE2	MM MCU	CY9BF566NPMC-G-MNE2	CY9BF566NPMC-GNE2
84	MB9BF566RPMC-G-JNE2	MM MCU	CY9BF566RPMC-G-MNE2	CY9BF566RPMC-GNE2
85	MB9BF568MPMC-G-JNE2	MM MCU	CY9BF568MPMC-G-MNE2	CY9BF568MPMC-GNE2
86	MB9BF568NPMC-G-JNE2	MM MCU	CY9BF568NPMC-G-MNE2	CY9BF568NPMC-GNE2
87	MB9BF568RPMC-G-JNE2	MM MCU	CY9BF568RPMC-G-MNE2	CY9BF568RPMC-GNE2