



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

PRODUCT CHANGE NOTIFICATION

PCN: PCN173803

Date: September 21, 2017

Subject: Qualification of Cypress Fab 25 as an Additional Wafer Fab Site for MB96620 and MB96610 Automotive Series Products

To:

Change Type: Major

Description of Change:

Cypress announces the qualification of Cypress Fab 25 in Austin, Texas, USA as an additional wafer fab site for MB96620 and MB96610 automotive series products that are currently fabricated at Fujitsu Semiconductor Manufacturing, Inc. Japan (AFSM).

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: 102

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 fab 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 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:

This change will be effective upon customer approval.

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.

Sincerely,

Cypress PCN Administration

Item	AFSM Marketing Part Number	Fab 25 Marketing Part Number
1	MB96F612ABPMC-GSAE1	MB96F612ABPMC-GSA-UJE1
2	MB96F612ABPMC-GSE1	MB96F612ABPMC-GS-UJE1
3	MB96F612ABPMC-GSE2	MB96F612ABPMC-GS-UJE2
4	MB96F612ABPMC-GS-F4E1	MB96F612ABPMC-GS-UJF4E1
5	MB96F612ABPMC-GS-N2E1	MB96F612ABPMC-GS-UJE1
6	MB96F612RBPMC-GSE1	MB96F612RBPMC-GS-UJE1
7	MB96F612RBPMC-GSE2	MB96F612RBPMC-GS-UJE2
8	MB96F612RBPMC-GS-F4E1	MB96F612RBPMC-GS-UJF4E1
9	MB96F612RBPMC-GS-N2E1	MB96F612RBPMC-GS-UJE1
10	MB96F612RBPMC-GS-N2E2	MB96F612RBPMC-GS-UJE2
11	MB96F613ABPMC-GSE1	MB96F613ABPMC-GS-UJE1
12	MB96F613ABPMC-GSE2	MB96F613ABPMC-GS-UJE2
13	MB96F613ABPMC-GS-F4E1	MB96F613ABPMC-GS-UJF4E1
14	MB96F613ABPMC-GS-N2E1	MB96F613ABPMC-GS-UJE1
15	MB96F613RBPMC-GSAE1	MB96F613RBPMC-GSA-UJE1
16	MB96F613RBPMC-GSE1	MB96F613RBPMC-GS-UJE1
17	MB96F613RBPMC-GSE2	MB96F613RBPMC-GS-UJE2
18	MB96F613RBPMC-GS-ERE2	MB96F613RBPMC-GS-UJERE2
19	MB96F613RBPMC-GS-F4E1	MB96F613RBPMC-GS-UJF4E1
20	MB96F613RBPMC-GS-N2E1	MB96F613RBPMC-GS-UJE1
21	MB96F613RBPMC-GS-N2E2	MB96F613RBPMC-GS-UJE2
22	MB96F613RBPMC-GS-N2ERE2	MB96F613RBPMC-GS-UJERE2
23	MB96F615ABPMC-GSAE1	MB96F615ABPMC-GSA-UJE1
24	MB96F615ABPMC-GSE1	MB96F615ABPMC-GS-UJE1
25	MB96F615ABPMC-GS-F4E1	MB96F615ABPMC-GS-UJF4E1
26	MB96F615RBPMC-GSE1	MB96F615RBPMC-GS-UJE1
27	MB96F615RBPMC-GSE2	MB96F615RBPMC-GS-UJE2
28	MB96F615RBPMC-GS-ERE2	MB96F615RBPMC-GS-UJERE2
29	MB96F615RBPMC-GS-F4E1	MB96F615RBPMC-GS-UJF4E1
30	MB96F615RBPMC-GS-JAE1	MB96F615RBPMC-GS-UJE1
31	MB96F615RBPMC-GS-N2E1	MB96F615RBPMC-GS-UJE1
32	MB96F615RBPMC-GS-N2E2	MB96F615RBPMC-GS-UJE2
33	MB96F615RBPMC-GS-N2ERE2	MB96F615RBPMC-GS-UJERE2
34	MB96F622ABPMC1-GSE1	MB96F622ABPMC1-GS-UJE1
35	MB96F622ABPMC1-GSE2	MB96F622ABPMC1-GS-UJE2
36	MB96F622ABPMC1-GS-ERE2	MB96F622ABPMC1-GS-UJERE2
37	MB96F622ABPMC1-GS-F4E1	MB96F622ABPMC1-GS-UJF4E1
38	MB96F622ABPMC-GSAE1	MB96F622ABPMC-GSA-UJE1
39	MB96F622ABPMC-GSE1	MB96F622ABPMC-GS-UJE1
40	MB96F622ABPMC-GSE2	MB96F622ABPMC-GS-UJE2
41	MB96F622ABPMC-GS-F4E1	MB96F622ABPMC-GS-UJF4E1
42	MB96F622RBPMC1-GSE1	MB96F622RBPMC1-GS-UJE1
43	MB96F622RBPMC1-GSE2	MB96F622RBPMC1-GS-UJE2
44	MB96F622RBPMC1-GS-F4E1	MB96F622RBPMC1-GS-UJF4E1
45	MB96F622RBPMC-GSAE1	MB96F622RBPMC-GSA-UJE1
46	MB96F622RBPMC-GSE1	MB96F622RBPMC-GS-UJE1

47	MB96F622RBPMC-GSE2	MB96F622RBPMC-GS-UJE2
48	MB96F622RBPMC-GS-F4E1	MB96F622RBPMC-GS-UJF4E1
49	MB96F622RBPMC-GS-N2E1	MB96F622RBPMC-GS-UJE1
50	MB96F623ABPMC1-GSE1	MB96F623ABPMC1-GS-UJE1
51	MB96F623ABPMC1-GSE2	MB96F623ABPMC1-GS-UJE2
52	MB96F623ABPMC1-GS-F4E1	MB96F623ABPMC1-GS-UJF4E1
53	MB96F623ABPMC1-GS-N2E1	MB96F623ABPMC1-GS-UJE1
54	MB96F623ABPMC-GSAE1	MB96F623ABPMC-GSA-UJE1
55	MB96F623ABPMC-GSE1	MB96F623ABPMC-GS-UJE1
56	MB96F623ABPMC-GSE2	MB96F623ABPMC-GS-UJE2
57	MB96F623ABPMC-GS-F4E1	MB96F623ABPMC-GS-UJF4E1
58	MB96F623RBPMC1-GSE2	MB96F623RBPMC1-GS-UJE2
59	MB96F623RBPMC1-GS-F4E1	MB96F623RBPMC1-GS-UJF4E1
60	MB96F623RBPMC1-GS-N2E2	MB96F623RBPMC1-GS-UJE2
61	MB96F623RBPMC-GSAE1	MB96F623RBPMC-GSA-UJE1
62	MB96F623RBPMC-GSE1	MB96F623RBPMC-GS-UJE1
63	MB96F623RBPMC-GSE2	MB96F623RBPMC-GS-UJE2
64	MB96F623RBPMC-GS-F4E1	MB96F623RBPMC-GS-UJF4E1
65	MB96F623RBPMC-GS-N2E1	MB96F623RBPMC-GS-UJE1
66	MB96F625ABPMC1-GSE1	MB96F625ABPMC1-GS-UJE1
67	MB96F625ABPMC1-GSE2	MB96F625ABPMC1-GS-UJE2
68	MB96F625ABPMC1-GS-F4E1	MB96F625ABPMC1-GS-UJF4E1
69	MB96F625ABPMC1-GS-N2E1	MB96F625ABPMC1-GS-UJE1
70	MB96F625ABPMC-GSAE1	MB96F625ABPMC-GSA-UJE1
71	MB96F625ABPMC-GSE2	MB96F625ABPMC-GS-UJE2
72	MB96F625ABPMC-GS-F4E1	MB96F625ABPMC-GS-UJF4E1
73	MB96F625RBPMC1-GSE1	MB96F625RBPMC1-GS-UJE1
74	MB96F625RBPMC1-GSE2	MB96F625RBPMC1-GS-UJE2
75	MB96F625RBPMC1-GS-F4E1	MB96F625RBPMC1-GS-UJF4E1
76	MB96F625RBPMC1-GS-JAE1	MB96F625RBPMC1-GS-UJE1
77	MB96F625RBPMC1-GS-JAE2	MB96F625RBPMC1-GS-UJE2
78	MB96F625RBPMC1-GS-N2E1	MB96F625RBPMC1-GS-UJE1
79	MB96F625RBPMC1-GS-N2E2	MB96F625RBPMC1-GS-UJE2
80	MB96F625RBPMC-GSAE1	MB96F625RBPMC-GSA-UJE1
81	MB96F625RBPMC-GSE1	MB96F625RBPMC-GS-UJE1
82	MB96F625RBPMC-GSE2	MB96F625RBPMC-GS-UJE2
83	MB96F625RBPMC-GS-F4E1	MB96F625RBPMC-GS-UJF4E1
84	MB96F625RBPMC-GS-N2E1	MB96F625RBPMC-GS-UJE1
85	MB96F018RBPMC-GSE1	MB96F018RBPMC-GS-UJE1
86	MB96F612ABPMC-GS-101E1	MB96F612ABPMC-GS-101UJE1
87	MB96F612ABPMC-GS-101N2E1	MB96F612ABPMC-GS-101UJE1
88	MB96F613ABPMC-GS-110E1	MB96F613ABPMC-GS-110UJE1
89	MB96F613ABPMC-GS-112E1	MB96F613ABPMC-GS-112UJE1
90	MB96F613RBPMC-GS-108E2	MB96F613RBPMC-GS-108UJE2
91	MB96F613RBPMC-GS-109E2	MB96F613RBPMC-GS-109UJE2
92	MB96F613RBPMC-GS-111E2	MB96F613RBPMC-GS-111UJE2
93	MB96F613RBPMC-GS-113E2	MB96F613RBPMC-GS-113UJE2

94	MB96F613RBPMC-GS-114E2	MB96F613RBPMC-GS-114UJE2
95	MB96F613RBPMC-GS-115E2	MB96F613RBPMC-GS-115UJE2
96	MB96F613RBPMC-GS-116E2	MB96F613RBPMC-GS-116UJE2
97	MB96F613RBPMC-GS-117E2	MB96F613RBPMC-GS-117UJE2
98	MB96F613RBPMC-GS-118E2	MB96F613RBPMC-GS-118UJE2
99	MB96F625RBPMC1-GS102JAE2	MB96F625RBPMC1-GS102UJE2
100	MB96F625RBPMC1-GS103JAE2	MB96F625RBPMC1-GS103UJE2
101	MB96F625RBPMC1-GS104JAE2	MB96F625RBPMC1-GS104UJE2
102	MB96F625RBPMC1-GS119JAE2	MB96F625RBPMC1-GS119UJE2