



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

PRODUCT CHANGE NOTIFICATION

PCN: PCN163301

Date: August 20, 2016

Subject: Qualification of Cypress Fab 25 as an Additional Wafer Fab Site for PSoC® 3 Programmable System-on-Chip Devices

To: JAMIE PEDERSON
DIGIKEY
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Change Type: Major

Description of Changes:

Cypress announces the qualification of Cypress Fab 25 as an additional wafer fab site for PSoC® 3 Programmable System-on-Chip devices. This qualification is part of the flexible manufacturing initiative which allows Cypress to meet its delivery commitments in dynamic, changing market conditions.

Benefit of Change:

Cypress will have the added capability to meet upside market demand, and ensure consistent and reliable delivery to customers.

Affected Part Numbers: 174

Affected Parts: 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:

The changes listed in this PCN have been qualified through a series of tests documented in the Qualification Test Plan (QTP) report 160207. The qualification report can be found as an attachment to this notification or by visiting www.cypress.com and typing the QTP number in the keyword search window.

Sample Status:

Qualification samples are not 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 sample ordering part numbers. Sample requests for products without samples built ahead of time will be built to order and subject to standard lead times. Please contact your Sales Representative as soon as possible, but 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 of the affected part numbers in the attached file will be supplied from any of the qualified manufacturing sites.

Anticipated Impact:

Products manufactured at Fab 25 site are completely compatible with existing product from a functional, parametric, and quality performance perspective.

Cypress 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:

There will be no changes to the part number. Cypress maintains traceability of product to wafer level, including wafer fabrication location and assembly location, through the lot number marked on the package. There will be no changes to the ordering codes or marking on production material after the change implementation date.

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	Sample Order Part Number
1	CY8C3244AXI-153	Available to order; subject to lead time
2	CY8C3244AXI-153T	Available to order; subject to lead time
3	CY8C3244LTI-123	CY8C3244LTI2-123
4	CY8C3244LTI-123T	CY8C3244LTI2-123
5	CY8C3244LTI-130	CY8C3244LTI2-130
6	CY8C3244LTI-130T	CY8C3244LTI2-130
7	CY8C3244PVI-133	CY8C3244PVI2-133
8	CY8C3244PVI-133T	CY8C3244PVI2-133
9	CY8C3245AXI-158	CY8C3245AXI2-158
10	CY8C3245AXI-158T	CY8C3245AXI2-158
11	CY8C3245AXI-166	Available to order; subject to lead time
12	CY8C3245AXI-166T	Available to order; subject to lead time
13	CY8C3245LTI-139	CY8C3245LTI2-139
14	CY8C3245LTI-139T	CY8C3245LTI2-139
15	CY8C3245LTI-144	Available to order; subject to lead time
16	CY8C3245LTI-144T	Available to order; subject to lead time
17	CY8C3245LTI-163	CY8C3245LTI2-163
18	CY8C3245LTI-163T	CY8C3245LTI2-163
19	CY8C3245PVI-134	Available to order; subject to lead time
20	CY8C3245PVI-134T	Available to order; subject to lead time
21	CY8C3245PVI-150	Available to order; subject to lead time
22	CY8C3245PVI-150T	Available to order; subject to lead time
23	CY8C3246AXI-131	CY8C3246AXI2-131
24	CY8C3246AXI-131T	CY8C3246AXI2-131
25	CY8C3246AXI-138	Available to order; subject to lead time
26	CY8C3246AXI-138T	Available to order; subject to lead time
27	CY8C3246LTI-125	CY8C3246LTI2-125
28	CY8C3246LTI-125T	CY8C3246LTI2-125
29	CY8C3246LTI-128	CY8C3246LTI2-128
30	CY8C3246LTI-128T	CY8C3246LTI2-128
31	CY8C3246LTI-149	CY8C3246LTI2-149
32	CY8C3246LTI-149T	CY8C3246LTI2-149
33	CY8C3246LTI-162	CY8C3246LTI2-162
34	CY8C3246LTI-162T	CY8C3246LTI2-162
35	CY8C3246PVI-122	Available to order; subject to lead time
36	CY8C3246PVI-122T	Available to order; subject to lead time
37	CY8C3246PVI-147	CY8C3246PVI2-147
38	CY8C3246PVI-147T	CY8C3246PVI2-147
39	CY8C3444LTI-110	Available to order; subject to lead time
40	CY8C3444LTI-110T	Available to order; subject to lead time
41	CY8C3444LTI-119	Available to order; subject to lead time
42	CY8C3444LTI-119T	Available to order; subject to lead time
43	CY8C3444PVI-100	Available to order; subject to lead time
44	CY8C3444PVI-100T	Available to order; subject to lead time
45	CY8C3445AXI-104	CY8C3445AXI2-104
46	CY8C3445AXI-104T	CY8C3445AXI2-104
47	CY8C3445AXI-108	Available to order; subject to lead time
48	CY8C3445AXI-108T	Available to order; subject to lead time
49	CY8C3445LTI-078	Available to order; subject to lead time
50	CY8C3445LTI-078T	Available to order; subject to lead time
51	CY8C3445LTI-079	Available to order; subject to lead time
52	CY8C3445LTI-079T	Available to order; subject to lead time
53	CY8C3445LTI-081	Available to order; subject to lead time
54	CY8C3445LTI-081T	Available to order; subject to lead time

55	CY8C3445PVI-090	Available to order; subject to lead time
56	CY8C3445PVI-090T	Available to order; subject to lead time
57	CY8C3445PVI-094	Available to order; subject to lead time
58	CY8C3445PVI-094T	Available to order; subject to lead time
59	CY8C3446AXI-099	Available to order; subject to lead time
60	CY8C3446AXI-099T	Available to order; subject to lead time
61	CY8C3446AXI-105	Available to order; subject to lead time
62	CY8C3446AXI-105T	Available to order; subject to lead time
63	CY8C3446LTI-073	CY8C3446LTI2-073
64	CY8C3446LTI-073T	CY8C3446LTI2-073
65	CY8C3446LTI-074	Available to order; subject to lead time
66	CY8C3446LTI-074T	Available to order; subject to lead time
67	CY8C3446LTI-083	Available to order; subject to lead time
68	CY8C3446LTI-083T	Available to order; subject to lead time
69	CY8C3446LTI-085	CY8C3446LTI2-085
70	CY8C3446LTI-085T	CY8C3446LTI2-085
71	CY8C3446PVI-076	Available to order; subject to lead time
72	CY8C3446PVI-076T	Available to order; subject to lead time
73	CY8C3446PVI-102	Available to order; subject to lead time
74	CY8C3446PVI-102T	Available to order; subject to lead time
75	CY8C3665AXI-198	Available to order; subject to lead time
76	CY8C3665AXI-198T	Available to order; subject to lead time
77	CY8C3665LTI-044	CY8C3665LTI2-044
78	CY8C3665LTI-044T	CY8C3665LTI2-044
79	CY8C3665LTI-199	Available to order; subject to lead time
80	CY8C3665LTI-199T	Available to order; subject to lead time
81	CY8C3665PVI-008	Available to order; subject to lead time
82	CY8C3665PVI-008T	Available to order; subject to lead time
83	CY8C3666AXI-036	CY8C3666AXI2-036
84	CY8C3666AXI-036T	CY8C3666AXI2-036
85	CY8C3666AXI-037	Available to order; subject to lead time
86	CY8C3666AXI-037T	Available to order; subject to lead time
87	CY8C3666AXI-052	CY8C3666AXI2-052
88	CY8C3666AXI-052T	CY8C3666AXI2-052
89	CY8C3666AXI-200	Available to order; subject to lead time
90	CY8C3666AXI-200T	Available to order; subject to lead time
91	CY8C3666AXI-202	Available to order; subject to lead time
92	CY8C3666AXI-202T	Available to order; subject to lead time
93	CY8C3666LTI-027	CY8C3666LTI2-027
94	CY8C3666LTI-027T	CY8C3666LTI2-027
95	CY8C3666LTI-050	CY8C3666LTI2-050
96	CY8C3666LTI-050T	CY8C3666LTI2-050
97	CY8C3666LTI-201	Available to order; subject to lead time
98	CY8C3666LTI-201T	Available to order; subject to lead time
99	CY8C3666LTI-203	CY8C3666LTI2-203
100	CY8C3666LTI-203T	CY8C3666LTI2-203
101	CY8C3865AXI-019	Available to order; subject to lead time
102	CY8C3865AXI-019T	Available to order; subject to lead time
103	CY8C3865AXI-204	Available to order; subject to lead time
104	CY8C3865AXI-204T	Available to order; subject to lead time
105	CY8C3865LTI-014	Available to order; subject to lead time
106	CY8C3865LTI-014T	Available to order; subject to lead time
107	CY8C3865LTI-205	Available to order; subject to lead time
108	CY8C3865LTI-205T	Available to order; subject to lead time
109	CY8C3866AXI-035	Available to order; subject to lead time

110	CY8C3866AXI-035T	Available to order; subject to lead time
111	CY8C3866AXI-039	CY8C3866AXI2-039
112	CY8C3866AXI-039T	CY8C3866AXI2-039
113	CY8C3866AXI-040	Available to order; subject to lead time
114	CY8C3866AXI-040T	Available to order; subject to lead time
115	CY8C3866AXI-206	Available to order; subject to lead time
116	CY8C3866AXI-206T	Available to order; subject to lead time
117	CY8C3866AXI-208	Available to order; subject to lead time
118	CY8C3866AXI-208T	Available to order; subject to lead time
119	CY8C3866FNI-210T	Available to order; subject to lead time
120	CY8C3866LTI-030	CY8C3866LTI2-030
121	CY8C3866LTI-030T	CY8C3866LTI2-030
122	CY8C3866LTI-067	Available to order; subject to lead time
123	CY8C3866LTI-067T	Available to order; subject to lead time
124	CY8C3866LTI-068	Available to order; subject to lead time
125	CY8C3866LTI-068T	Available to order; subject to lead time
126	CY8C3866LTI-207	CY8C3866LTI2-207
127	CY8C3866LTI-207T	CY8C3866LTI2-207
128	CY8C3866LTI-209	Available to order; subject to lead time
129	CY8C3866LTI-209T	Available to order; subject to lead time
130	CY8C3866PVI-021	Available to order; subject to lead time
131	CY8C3866PVI-021T	Available to order; subject to lead time
132	CY8C3866PVI-070	Available to order; subject to lead time
133	CY8C3866PVI-070T	Available to order; subject to lead time
134	CY8C3MFIDOCK-125	Available to order; subject to lead time
135	CY8C3MFIDOCK-128	Available to order; subject to lead time
136	CY8C3USBAUDIO-144	Available to order; subject to lead time
137	CY8CTMA616LTI-13	Available to order; subject to lead time
138	CY8CTMA616LTI-13T	Available to order; subject to lead time
139	CY8CTMA884LTI-13	Available to order; subject to lead time
140	CY8CTMA884LTI-13T	Available to order; subject to lead time
141	CG7504AM	Available to order; subject to lead time
142	CG7764AA	Available to order; subject to lead time
143	CG7764AAT	Available to order; subject to lead time
144	CG7784AA	CG7784BA
145	CG7784AAT	CG7784BA
146	CG7984AA	CG7984BA
147	CG7984AAT	CG7984BA
148	CG7998ATT	Available to order; subject to lead time
149	CG8185AA	Available to order; subject to lead time
150	CG8185AAT	Available to order; subject to lead time
151	CG8421AF	Available to order; subject to lead time
152	CG8421AFT	Available to order; subject to lead time
153	CG8536AA	Available to order; subject to lead time
154	CG8536AAT	Available to order; subject to lead time
155	CG8581AA	Available to order; subject to lead time
156	CG8581AAT	Available to order; subject to lead time
157	CG8582AA	Available to order; subject to lead time
158	CG8582AAT	Available to order; subject to lead time
159	CG8629AA	Available to order; subject to lead time
160	CG8629AAT	Available to order; subject to lead time
161	CP7458CT	Available to order; subject to lead time
162	CP7458CTT	Available to order; subject to lead time
163	CP7502AT	Available to order; subject to lead time
164	CP7502ATT	Available to order; subject to lead time

165	CP7502BT	Available to order; subject to lead time
166	CP7502BTT	Available to order; subject to lead time
167	CP7627AT	Available to order; subject to lead time
168	CP7627ATT	Available to order; subject to lead time
169	CP7919BTT	Available to order; subject to lead time
170	CP7992ATT	Available to order; subject to lead time
171	CP8422AT	Available to order; subject to lead time
172	CP8422ATT	Available to order; subject to lead time
173	CS7642AT	Available to order; subject to lead time
174	CS7642ATT	Available to order; subject to lead time