



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

## PRODUCT CHANGE NOTIFICATION

**PCN:** PCN182503

**Date:** June 20, 2018

**Subject:** Qualification of Fab 25 as an Additional Wafer Fab Site and Test 25 as an Additional Wafer Sort Site for PSoC® 5 LP Product Family

**To:**

**Change Type:** Major

**Description of Change:**

Cypress announces the qualification of Fab 25 in Austin, Texas as an additional wafer fab site and Test 25 as an additional wafer sort site for PSoC® 5 LP product family.

**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:** 60

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:**

These products have been qualified through a series of tests documented in the Qualification Test Plans summarized in the table below. The qualification reports can be found as attachments to this PCN or by visiting [www.cypress.com](http://www.cypress.com) and typing the QTP number in the keyword search window.

QTP Number	Qualification
162806	Fab 25 PSoC® 5 LP Device
171610	Test 25 Additional Sort Site

**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 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 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 and sorted at Test 25 are completely compatible with existing products from a form, fit, 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

Item	Marketing Part Number	Sample Order Part Number
1	CY8C5266FNI-LP205T	CY8C5266FNI2-LP205; Subject to lead time
2	CY8C5267AXI-LP051	CY8C5267AXI2-LP051; Subject to lead time
3	CY8C5267LTI-LP089	CY8C5267LTI2-LP089; Subject to lead time
4	CY8C5268AXI-LP047	CY8C5268AXI2-LP047; Subject to lead time
5	CY8C5268LTI-LP030	CY8C5268LTI2-LP030; Subject to lead time
6	CY8C5287AXI-LP095	CY8C5287AXI2-LP095; Subject to lead time
7	CY8C5288FNI-LP213T	CY8C5288FNI2-LP213; Subject to lead time
8	CY8C5288LTI-LP090	CY8C5288LTI2-LP090; Subject to lead time
9	CY8C5467AXI-LP108	CY8C5467AXI2-LP108; Subject to lead time
10	CY8C5467LTI-LP003	CY8C5467LTI2-LP003; Subject to lead time
11	CY8C5468AXI-LP042	CY8C5468AXI2-LP042; Subject to lead time
12	CY8C5468AXI-LP106	CY8C5468AXI2-LP106; Subject to lead time
13	CY8C5468LTI-LP026	CY8C5468LTI2-LP026; Subject to lead time
14	CY8C5488AXI-LP120	CY8C5488AXI2-LP120; Subject to lead time
15	CY8C5488FNI-LP212T	CY8C5488FNI2-LP212; Subject to lead time
16	CY8C5488LTI-LP093	CY8C5488LTI2-LP093; Subject to lead time
17	CY8C5666AXI-LP001	CY8C5666AXI2-LP001; Subject to lead time
18	CY8C5666AXI-LP004	CY8C5666AXI2-LP004; Subject to lead time
19	CY8C5666AXQ-LP004	CY8C5666AXQ2-LP004; Subject to lead time
20	CY8C5666LTI-LP005	CY8C5666LTI2-LP005; Subject to lead time
21	CY8C5667AXI-LP006	CY8C5667AXI2-LP006; Subject to lead time
22	CY8C5667AXI-LP040	CY8C5667AXI2-LP040; Subject to lead time
23	CY8C5667AXQ-LP040	CY8C5667AXQ2-LP040; Subject to lead time
24	CY8C5667LTI-LP009	CY8C5667LTI2-LP009; Subject to lead time
25	CY8C5667LTI-LP041	CY8C5667LTI2-LP041; Subject to lead time
26	CY8C5668AXI-LP010	CY8C5668AXI2-LP010; Subject to lead time
27	CY8C5668AXI-LP013	CY8C5668AXI2-LP013; Subject to lead time
28	CY8C5668AXI-LP034	CY8C5668AXI2-LP034; Subject to lead time
29	CY8C5668LTI-LP014	CY8C5668LTI2-LP014; Subject to lead time
30	CY8C5688AXI-LP099	CY8C5688AXI2-LP099; Subject to lead time
31	CY8C5688FNI-LP211T	CY8C5688FNI2-LP211; Subject to lead time
32	CY8C5688LTI-LP086	CY8C5688LTI2-LP086; Subject to lead time
33	CY8C5866AXI-LP020	CY8C5866AXI2-LP020; Subject to lead time
34	CY8C5866AXI-LP021	CY8C5866AXI2-LP021; Subject to lead time
35	CY8C5866LTI-LP022	CY8C5866LTI2-LP022; Subject to lead time
36	CY8C5867AXI-LP024	CY8C5867AXI2-LP024; Subject to lead time
37	CY8C5867LTI-LP025	CY8C5867LTI2-LP025; Subject to lead time
38	CY8C5867LTI-LP028	CY8C5867LTI2-LP028; Subject to lead time
39	CY8C5868AXI-LP032	CY8C5868AXI2-LP032; Subject to lead time
40	CY8C5868AXI-LP035	CY8C5868AXI2-LP035; Subject to lead time
41	CY8C5868LTI-LP038	CY8C5868LTI2-LP038; Subject to lead time
42	CY8C5868LTI-LP039	CY8C5868LTI2-LP039; Subject to lead time
43	CY8C5888AXI-LP096	CY8C5888AXI2-LP096; Subject to lead time
44	CY8C5888AXQ-LP096	CY8C5888AXQ2-LP096; Subject to lead time
45	CY8C5888FNI-LP210T	CY8C5888FNI2-LP210; Subject to lead time
46	CY8C5888FNI-LP214T	CY8C5888FNI2-LP214; Subject to lead time
47	CY8C5888LTI-LP097	CY8C5888LTI2-LP097; Subject to lead time
48	CY8C5888LTQ-LP097	CY8C5888LTQ2-LP097; Subject to lead time
49	CYSHM35936P-L099FNIT	CYSHM35936P2-L099FNI; Subject to lead time
50	CG8576AA	CG8576XA; Subject to lead time
51	CG8577AA	CG8577XA; Subject to lead time
52	CG8578AA	CG8578XA; Subject to lead time
53	CG8579AA	CG8579XA; Subject to lead time
54	CG8580AA	CG8580XA; Subject to lead time

55	CG8601AA	CG8601XA; Subject to lead time
56	CG8623AA	CG8623XA; Subject to lead time
57	CG8761AA	CG8761XA; Subject to lead time
58	CP8420ATT	CP8420XT; Subject to lead time
59	CS8091AA	CS8091XA; Subject to lead time
60	CS8092AA	CS8092XA; Subject to lead time