



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

PRODUCT CHANGE NOTIFICATION

PCN: PCN191102

Date: March 14, 2019

Subject: Qualification of Fab 25 as an Additional Wafer Fab Site and Test 25 as an Additional Wafer Sort Site for the PSoC® 4200M Product Family

To:

Change Type: Major

Description of Change:

Cypress announces the qualification of Fab 25 (5204 East Ben White Boulevard, Austin, TX 78741, USA) as an additional wafer fab site and Test 25 (5204 East Ben White Boulevard, Austin, TX 78741, USA) as an additional wafer sort site for the PSoC® 4200M product family.

This qualification is part of the flexible manufacturing initiatives which allow Cypress to meet its delivery commitments in dynamic and changing market conditions.

Benefit of Change:

Qualification of alternate manufacturing processes 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: 48

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 wafer fab and sort sites have been qualified through a series of tests documented in Qualification Test Plan (QTP) reports in the table below. These qualification reports can be found as attachments to this PCN or by visiting www.cypress.com and typing the QTP number in the keyword search window.

QTP Report Number	Qualification
172203	PSoC® 4200M Device Family F25 Qualification
171610	T25 Sort Site Qualification

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 are completely compatible with existing products from form, fit, functional, parametric, and quality performance perspectives.

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	Marketing Part Number	Sample Order Part Number	Sample Availability
1	CY8C4125AXI-M445	CY8C4125AXI2-M445	Subject to leadtime
2	CY8C4125AXI-M445T	CY8C4125AXI2-M445	Subject to leadtime
3	CY8C4125AZI-M433	CY8C4125AZI2-M433	Subject to leadtime
4	CY8C4125AZI-M443	CY8C4125AZI2-M443	Available
5	CY8C4125AZI-M445	CY8C4125AZI2-M445	Available
6	CY8C4125LTI-M445	CY8C4125LTI2-M445	Subject to leadtime
7	CY8C4126AXI-M443	CY8C4126AXI2-M443	Subject to leadtime
8	CY8C4126AXI-M443T	CY8C4126AXI2-M443	Subject to leadtime
9	CY8C4126AXI-M445	CY8C4126AXI2-M445	Subject to leadtime
10	CY8C4126AZI-M443	CY8C4126AZI2-M443	Subject to leadtime
11	CY8C4126AZI-M445	CY8C4126AZI2-M445	Subject to leadtime
12	CY8C4126AZI-M475	CY8C4126AZI2-M475	Available
13	CY8C4126LTI-M445	CY8C4126LTI2-M445	Subject to leadtime
14	CY8C4126LTI-M475	CY8C4126LTI2-M475	Subject to leadtime
15	CY8C4127AXI-M485	CY8C4127AXI2-M485	Subject to leadtime
16	CY8C4127AZI-M475	CY8C4127AZI2-M475	Subject to leadtime
17	CY8C4127AZI-M485	CY8C4127AZI2-M485	Subject to leadtime
18	CY8C4127LTI-M475	CY8C4127LTI2-M475	Available
19	CY8C4245AXI-M445	CY8C4245AXI2-M445	Subject to leadtime
20	CY8C4245AZI-M433	CY8C4245AZI2-M433	Subject to leadtime
21	CY8C4245AZI-M443	CY8C4245AZI2-M443	Available
22	CY8C4245AZI-M445	CY8C4245AZI2-M445	Subject to leadtime
23	CY8C4245LTI-DM405	CY8C4245LTI2-DM405	Available
24	CY8C4245LTI-DM405T	CY8C4245LTI2-DM405	Available
25	CY8C4245LTI-M445	CY8C4245LTI2-M445	Subject to leadtime
26	CY8C4246AXI-M443	CY8C4246AXI2-M443	Subject to leadtime
27	CY8C4246AXI-M443T	CY8C4246AXI2-M443	Subject to leadtime
28	CY8C4246AXI-M445	CY8C4246AXI2-M445	Subject to leadtime
29	CY8C4246AZI-M443	CY8C4246AZI2-M443	Available
30	CY8C4246AZI-M445	CY8C4246AZI2-M445	Available
31	CY8C4246AZI-M475	CY8C4246AZI2-M475	Subject to leadtime
32	CY8C4246AZQ-M443	CY8C4246AZQ2-M443	Subject to leadtime
33	CY8C4246LTI-DM405	CY8C4246LTI2-DM405	Subject to leadtime
34	CY8C4246LTI-M445	CY8C4246LTI2-M445	Subject to leadtime
35	CY8C4246LTI-M475	CY8C4246LTI2-M475	Subject to leadtime
36	CY8C4247AXI-M485	CY8C4247AXI2-M485	Subject to leadtime
37	CY8C4247AXQ-M485	CY8C4247AXQ2-M485	Subject to leadtime
38	CY8C4247AZI-M475	CY8C4247AZI2-M475	Subject to leadtime
39	CY8C4247AZI-M475T	CY8C4247AZI2-M475	Subject to leadtime
40	CY8C4247AZI-M485	CY8C4247AZI2-M485	Available
41	CY8C4247AZQ-M485	CY8C4247AZQ2-M485	Subject to leadtime
42	CY8C4247AZQ-M485T	CY8C4247AZQ2-M485	Subject to leadtime
43	CY8C4247LTI-M475	CY8C4247LTI2-M475	Subject to leadtime
44	CY8C4247LTQ-M475	CY8C4247LTQ2-M475	Subject to leadtime
45	CYSHM35925I-M068LTI	CYSHM35925I2-M068LTI	Subject to leadtime
46	CYSHM35925I-M068LTIT	CYSHM35925I2-M068LTI	Subject to leadtime
47	CG8911AT	CG8911BT	Subject to leadtime
48	CG8911ATT	CG8911BT	Subject to leadtime