



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

PRODUCT CHANGE NOTIFICATION

PCN: PCN163804

Date: September 25, 2016

Subject: Qualification of Cypress Fab 25 as a Wafer Fab Site for the PSoC® 4200L Family Products

To:

Change Type: Major

Description of Changes:

Cypress announces the qualification of Cypress Fab 25 as a wafer fab site for the PSoC® 4200L family. 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: 21

Affected Parts: See the attached 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 160702. 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 30 days from the date of this notification or upon customer approval, whichever comes first, shipments of the affected part numbers in the attached file will be supplied primarily from the newly qualified manufacturing site. Although initial samples were provided from Fab 4, Cypress has made a design enhancement and, therefore, plans to provide future samples as well as all production parts from Fab 25.

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. This change will be implemented effective 30 days from this notification.

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	CY8C4246AZI-L423	Available to order; subject to lead time
2	CY8C4246AZI-L433	Available to order; subject to lead time
3	CY8C4246AZI-L435	Available to order; subject to lead time
4	CY8C4246AZI-L445	Available to order; subject to lead time
5	CY8C4246LTI-L445	Available to order; subject to lead time
6	CY8C4247AZI-L423	Available to order; subject to lead time
7	CY8C4247AZI-L433	CY8C4247AZI2-L433
8	CY8C4247AZI-L445	Available to order; subject to lead time
9	CY8C4247AZI-L475	Available to order; subject to lead time
10	CY8C4247AZI-L485	Available to order; subject to lead time
11	CY8C4247BZI-L479	Available to order; subject to lead time
12	CY8C4247BZI-L489	Available to order; subject to lead time
13	CY8C4247LTI-L445	Available to order; subject to lead time
14	CY8C4247LTI-L475	Available to order; subject to lead time
15	CY8C4247LTI-L485	Available to order; subject to lead time
16	CY8C4248AZI-L475	Available to order; subject to lead time
17	CY8C4248AZI-L485	CY8C4248AZI2-L485
18	CY8C4248BZI-L479	Available to order; subject to lead time
19	CY8C4248BZI-L489	CY8C4248BZI2-L489
20	CY8C4248LTI-L475	Available to order; subject to lead time
21	CY8C4248LTI-L485	CY8C4248LTI2-L485