



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

PRODUCT CHANGE NOTIFICATION

PCN: PCN195003

Date: December 12, 2019

Subject: Qualification of Test 25 as an Additional Wafer Sort Site for Select Automotive PSoC® 1 Products

Change Type: Major

Description of Change:

Cypress announces the qualification of Test 25 (Test 25, 5204 East Ben, Boulevard, Austin, Texas 78741, U.S.A.) as an additional wafer sort site for select automotive PSoC® 1 products.

Hardware and test programs are the same as at the currently qualified sort sites.

Benefit of Change:

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

Part Numbers Affected: 28

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 Sort site has been qualified through a series of tests documented in the Qualification Test Plan QTP#151907. 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.

Approximate Implementation Date:

Effective 90 days from the date of this notification or upon customer approval, whichever comes first, all shipments of Commercial, Industrial and Automotive non-PPAP part numbers in the attached file will be sourced from Test 25 or other approved wafer sort sites.

For Automotive PPAP part numbers this change will be effective upon customer approval.

Anticipated Impact:

Products sorted at Test 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

- 1 B0-CY8C22345-24PVXA
- 2 B0-CY8C22345H-24PVXAT
- 3 C1ZBZ0005381
- 4 C1ZBZ0005383
- 5 CY8C21345-12PVXE
- 6 CY8C21345-12PVXET
- 7 CY8C21345-24PVXA
- 8 CY8C21345-24PVXAT
- 9 CY8C21645-12PVXE
- 10 CY8C21645-12PVXET
- 11 CY8C21645-24PVXA
- 12 CY8C21645-24PVXAT
- 13 CY8C22345-12PVXE
- 14 CY8C22345-12PVXET
- 15 CY8C22345-24PVXA
- 16 CY8C22345-24PVXAT
- 17 CY8C22345H-24PVXA
- 18 CY8C22345H-24PVXAT
- 19 CY8C22645-12PVXE
- 20 CY8C22645-12PVXET
- 21 CY8C22645-24PVXA
- 22 CY8C22645-24PVXAT
- 23 CP8110AT
- 24 CP8110ATT
- 25 CP8122AT
- 26 CP8122ATT
- 27 CP8124AT
- 28 CP8124ATT