



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

PRODUCT CHANGE NOTIFICATION

PCN: PCN201401

Date: April 05, 2020

Subject: Removal of Burn-in for Automotive PSoC4A Product Family

Change Type: Major

Description of Change:

Cypress announces the removal of burn-in for automotive PSoC4A product family [PSoC 4000, PSoC 4100, PSoC 4200, PSoC 4000S, PSoC 4100S, PSoC 4100S Plus]. Extensive studies have been completed to ensure that PSoC4A products without burn-in will continue to meet the zero-defect target for Cypress' automotive products. There will be no changes to the tester platforms, test program coverage and methodologies.

Benefit of Change:

Removal of burn-in provides the means for Cypress to continue to meet delivery commitments through dynamic, changing market conditions.

Part Numbers Affected: 249

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 qualification of burn-in removal has been through a series of tests documented in the Qualification Test Plan QTP#195006. 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.

In addition to the standard qualification, an extended qualification of 100k units will be completed by June 2020. This data will be available to customers upon request.

Approximate Implementation Date

Effective 90 days from the date of this notification, or upon customer approval, whichever comes first, this change will be implemented for all shipments of Automotive non-PPAP part numbers in the attached file.

For Automotive PPAP part numbers, this change will be implemented with customer approval. Cypress encourages customers to provide approval within 90 days. If additional time is required, please inform Cypress of the expected approval date within 30 days of this notification.

Anticipated Impact:

Products processed without burn-in 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	00003648291
2	00003838277
3	3044478A
4	3050209A
5	90600000055A
6	90600000056A
7	90600000064A
8	A2C03632600
9	28502068
10	36009600
11	AL004245C00
12	C1ZBZ0006228
13	CG4124PVE-S422
14	EAN66086501
15	P760543D-FM0000
16	P760543DFM0000
17	CY8C4014LQA-422Z
18	CY8C4014LQA-422ZT
19	CY8C4014LQE-422Z
20	CY8C4014LQE-422ZT
21	CY8C4014LQS-422Z
22	CY8C4014LQS-422ZT
23	CY8C4014SXA-421Z
24	CY8C4014SXA-421ZT
25	CY8C4014SXS-421Z
26	CY8C4014SXS-421ZT
27	CY8C4024LQA-S411
28	CY8C4024LQA-S411T
29	CY8C4024LQS-S411
30	CY8C4024LQS-S411T
31	CY8C4024PVA-S412
32	CY8C4024PVA-S412T
33	CY8C4024PVS-S412
34	CY8C4024PVS-S412T
35	CY8C4025LQA-S411
36	CY8C4025LQA-S411T
37	CY8C4025LQS-S411
38	CY8C4025LQS-S411T
39	CY8C4025PVA-S412
40	CY8C4025PVA-S412T
41	CY8C4025PVS-S412
42	CY8C4025PVS-S412T
43	CY8C4045LQA-S411
44	CY8C4045LQA-S411T
45	CY8C4045LQS-S411
46	CY8C4045LQS-S411T
47	CY8C4045PVA-S412
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