



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

PRODUCT CHANGE NOTIFICATION

PCN: PCN200701

Date: February 10, 2020

Subject: Qualification of Cypress Philippines as an Additional Test Backend for Select Automotive Products

Change Type: Major

Description of Change:

Cypress announces the qualification of Cypress Philippines (CML, Gateway Business Park, SEPZA, Bgy., Javalera, General Trias, Cavite, Philippines) as an additional test backend for select Automotive products. This qualification will enable Cypress to have turnkey process solutions to meet our customers' stringent quality and reliability requirements in our effort to continually provide world-class service.

There will not be any changes on the tester platforms, test program coverage and methodologies.

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: 54

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 package has been qualified through a series of tests documented in the Qualification Test Plans QTP#191807 and QTP#132601 for backend process. 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.

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. 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 Commercial, Industrial and Automotive non-PPAP part numbers in the attached file will be sourced from Cypress Philippines or other approved test backend site.

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

Anticipated Impact:

None anticipated. Products class tested, and backend processed at the new site 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 | 28561300 |
| 2 | 8909007818 |
| 3 | A2C02599800 |
| 4 | A2C02770900 |
| 5 | A2C03558300 |
| 6 | A2C02770600 |
| 7 | C3BBKY000108 |
| 8 | CY62146G30-45ZSXA |
| 9 | CY62146G30-45ZSXAT |
| 10 | CY62146G-45ZSXA |
| 11 | CY62146G-45ZSXAT |
| 12 | CY621472G30-45ZSXA |
| 13 | CY621472G30-45ZSXAT |
| 14 | CY62147G30-45BVXA |
| 15 | CY62147G30-45BVXAT |
| 16 | CY62147G30-45ZSXA |
| 17 | CY62147G30-45ZSXAT |
| 18 | CY62147G30-55BVXE |
| 19 | CY62147G30-55BVXET |
| 20 | CY62147G30-55ZSXE |
| 21 | CY62147G30-55ZSXET |
| 22 | CY62157H30-45BVXA |
| 23 | CY62157H30-45BVXAT |
| 24 | CY62157H30-55ZSXE |
| 25 | CY62157H30-55ZSXET |
| 26 | CY62167G30-45BVXA |
| 27 | CY62167G30-45BVXAT |
| 28 | CY62167G30-55BVXE |
| 29 | CY62167G30-55BVXET |
| 30 | CY7C1011G30-10BAJXE |
| 31 | CY7C1011G30-10BAJXET |
| 32 | CY7C1011G30-10ZSXA |
| 33 | CY7C1011G30-10ZSXAT |
| 34 | CY7C1011G30-12ZSXE |
| 35 | CY7C1011G30-12ZSXET |
| 36 | CY7C1041G30-10BAJXE |
| 37 | CY7C1041G30-10BAJXET |
| 38 | CY7C1041G30-10ZSXA |
| 39 | CY7C1041G30-10ZSXAT |
| 40 | CY7C1041G30-10ZSXE |
| 41 | CY7C1041G30-10ZSXET |
| 42 | CY7C1051H30-10BV1XE |
| 43 | CY7C1051H30-10BV1XET |
| 44 | CY7C1051H30-10ZSXE |
| 45 | CY7C1061G30-10BV1XE |
| 46 | CY7C1061G30-10BV1XET |
| 47 | CG8988AA |
| 48 | CG8988AAT |
| 49 | CS8799AA |
| 50 | CS8799AAT |
| 51 | CS8800AAT |
| 52 | H00.018-36 |
| 53 | P770046DFJ0000 |
| 54 | P770046D-FJ0000 |