



Cypress Semiconductor Corporation – An Infineon Technologies Company
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PRODUCT CHANGE NOTIFICATION

PCN:PCN204602

Date: November 10, 2020

Subject: Qualification of Fab25 as an Additional Wafer Fab Site, Marketing Part Number Change and Logo mark removal for Select Automotive MCU Products

To:

Change Type: Major

Description of Change:

Cypress announces the qualification of Fab25 (5204 East Ben White Boulevard, Austin, TX 78741, USA) as an additional wafer fab site for select automotive MCU products. The current products are fabricated at ON Semiconductor Aizu Co., Ltd. Cypress also announces that the part number is changing from MB prefix to CY prefix, including removal of marking from “F-logo” to “No logo”. These changes include parts of Group 3 (GR3-D,GR3-E) in APCN173705C.

Changes	Current	New
Wafer Fab Site	ON Semiconductor Aizu Co., Ltd, Japan	Fab 25, USA
Part Number	MB***	CY***
Logo Marking	F-logo	No logo

Benefit of Change:

Qualification of additional 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: 4

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 fab site has been qualified through a series of tests documented in Qualification Test Plans QTP#184701 and QTP#190304. 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 with their associated Fab25 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 Commercial, Industrial and Automotive non-PPAP part numbers in the attached file will be supplied from FAB25 or other approved wafer fabrication sites.

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

Anticipated Impact:

Products fabricated 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	Family	New Part Number	Package	Sample Availability	Last Time Buy Date for Old MB MPN	Last Time Ship Date for Old MB MPN
1	8945139744	Auto MCU	Contact Sales	BYA320	10/31/2020	Upon customer approval	Upon customer approval
2	A2C03111100	Auto MCU	Contact Sales	BYA320	10/31/2020	Upon customer approval	Upon customer approval
3	MB91F469GBP-B-S-K6E1	Auto MCU	CY91F469GBP-B-S-UJE1	BYA320	10/31/2020	7/7/2021	4/4/2022
4	MB91F469QAHP-B-S-K6E1	Auto MCU	CY91F469QAHP-B-S-UJE1	BYA320	11/15/2020	7/7/2021	4/4/2022