



Cypress Semiconductor Corporation – An Infineon Technologies Company
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PRODUCT CHANGE NOTIFICATION

PCN: PCN202801

Date: July 07, 2020

Subject: Qualification of Fab 25 as an Additional Wafer Fab Site, EME-G660B Mold Compound and Marketing Part Number Change for Select Automotive MCU Products

Change Type: Major

Description of Change:

Cypress announces the qualification of Fab 25 (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 package mold material is changing to the standard Amkor Technology EME-G660B mold compound. In addition, the part number is changing from an MB prefix to a CY prefix. These changes include parts of Group 2 (GR2-H) in APCN173705C.

Changes	Current	New
Wafer Fab Site	ON Semiconductor Aizu Co., Ltd, Japan	Fab 25, USA
Mold Compound	Hitachi Epoxy CEL-9210H	Sumitomo Epoxy EME-G660B
Part Number	MB***	CY***

Benefit of Change:

Qualification of alternate manufacturing sites are 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: 6

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#160810 and QTP#173908. 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:

The MB part numbers listed in attached file will be supported according to the Last Time Buy (LTB) and Last Time Ship (LTS) dates provided. The new Cypress marketing part number part will be open for order entry after the inventory on the MB part is depleted. Your Cypress Sales Representative will be in touch with you during the LTB phase to manage the backlog transition from MB marketing part number to CY marketing part number, depending on inventory depletion levels.

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	New Part Number	Last Time Buy Date for Old MB MPN	Last Time Ship Date for Old MB MPN
1	MB96F613ABPMC-GTE1	CY96F613ABPMC-GT-UJE1	3/31/2021	12/27/2021
2	MB96F613ABPMC-GT-N2E1	CY96F613ABPMC-GT-UJE1	3/31/2021	12/27/2021
3	MB96F615ABPMC-GTE1	CY96F615ABPMC-GT-UJE1	3/31/2021	12/27/2021
4	MB96F615ABPMC-GT-N2E1	CY96F615ABPMC-GT-UJE1	3/31/2021	12/27/2021
5	MB96F615RBPMC-GTE1	CY96F615RBPMC-GT-UJE1	3/31/2021	12/27/2021
6	MB96F615RBPMC-GT-N2E1	CY96F615RBPMC-GT-UJE1	3/31/2021	12/27/2021