



Cypress Semiconductor Corporation – An Infineon Technologies Company
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PRODUCT CHANGE NOTIFICATION

PCN: PCN210601

Date: February 10, 2021

Subject: Qualification of Fab 25 as an Additional Wafer Fab Site, Cu Wire and EME-G660B Mold Compound Change for Select MM 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 foundry site for the fabrication of New 8FX Series 8-bit Proprietary Core Microcontroller products that are currently fabricated at ON Semiconductor Aizu Co., Ltd (OSA, No.6 Kogyo Danchi, Monden-Machi, Aizu Wakamatsu, Fukushima, 965-8506, Japan). Cypress also announces that the wire and package mold material is changing to the standard Amkor Technology Japan Cu-wire and EME-G660B mold compound.

Changes	Current	New
Wafer Fab Site	ON Semiconductor Aizu Co., Ltd, Japan	Fab 25, USA
Wire	Au-wire	Cu-wire
Mold Compound	Hitachi Epoxy CEL-9210H	Sumitomo Epoxy EME-G660B

Benefit of Change:

Qualification of additional manufacturing sites is part of our longevity support efforts initiative announced by Cypress. The goal of our longevity support efforts initiative is to provide the means for Cypress to continue to meet delivery commitments through dynamic, changing market conditions.

Part Numbers Affected: 3

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:

These changes have been qualified through a series of tests documented in Qualification Test Plans QTP#172101 and QTP#191002. 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 Fab 25 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 Fab 25 or other approved wafer fabrication sites.

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

- 1 CY95F108AHSPMC1-G-SPE1
- 2 CY95F108AHWPMC1-G-SPE1
- 3 CY95F108AHSPMC1-G-SNE1