



Cypress Semiconductor Corporation – An Infineon Technologies Company
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PRODUCT CHANGE NOTIFICATION

PCN:PCN203801

Date: September 16, 2020

Subject: Qualification of UMC as an Alternate Wafer Fab Site for Select Industrial Grade 4Mb MoBL® SRAM Products

To: TOKYO ELECTRON DEVICE
TELDEVICE
cy-inside@teldevice.co.jp

Description of Change:

Cypress announces the qualification of UMC's 65nm (No. 3, Li-Hsin 2nd Rd., Hsinchu Science Park, Hsinchu, Taiwan, R.O.C.) as an alternate wafer fab site for select 90nm 2.2V – 3.6V and 4.5V – 5.5V industrial grade 4Mb MoBL® products. The 65nm products are drop-in replacement parts and form, fit, and function compatible with the 90nm 4Mb Async MoBL SRAM products manufactured at SkyWater, Minnesota. There will be no change to the existing marketing part numbers.

Benefit of Change:

Qualification of alternate manufacturing sites and technologies is part of Cypress' ongoing flexible manufacturing initiative. 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: 29

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:

LL65 (65nm) technology at UMC was previously qualified through a series of tests identified in the Qualification Test Plan QTP#192409. 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.

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 sample ordering 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 fabricated at either SkyWater or UMC.

Anticipated Impact:

None anticipated. Products fabricated at UMC are completely compatible with existing product from a 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