



Cypress Semiconductor Corporation – An Infineon Technologies Company
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PRODUCT CHANGE NOTIFICATION

PCN: PCN203404

Date: August 24, 2020

Subject: Qualification of Unimos Shanghai as an Additional Assembly Site for Select 32-Lead TSOP II Package

To:

Change Type: Major

Description of Change:

Cypress announces the qualification of Unimos Microelectronics Shanghai (No. 9688, Songze Avenue, Qingpu Industrial Park, Shanghai.) as an additional assembly site for select 32-Lead TSOP II package.

The 32-Lead TSOP II package is assembled at Unimos Shanghai using the following Bill of Materials (BOM):

Material	Unimos Shanghai BOM	OSE Taiwan BOM
Mold Compound	CEL9200HF-U/Hitachi	CEL 9200HF/ Hitachi EME-G631/Sumitomo EME-G631SH/Sumitomo
Leadframe	Cu Alloy	Cu Alloy
Leadfinish	Pure Sn	Pure Sn
Die Attach Material	EN-4900F/Hitachi	8340/Henkel CRM-1076/Sumitomo
Bond Wire	0.8 mil CuPdAu wire	1.0 mil Au wire/ 0.8 mil Cu wire/ 0.8 mil CuPdAu wire

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: 14

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 assembly site has been qualified through a series of tests documented in the Qualification Test Plan QTP#193504. 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 Unimos Shanghai 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 assembled at Unimos Shanghai or other approved assembly sites.

Anticipated Impact:

Products assembled 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	Sample Order Part Number	Sample Availability
1	CY62148ELL-45ZSXI	CY62148ELL-45ZSXIKN	Subject to lead time
2	CY62148ELL-45ZSXIT	CY62148ELL-45ZSXIKN	Subject to lead time
3	CY62148EV30LL-45ZSXI	CY62148EV30LL-45SXIKN	Available
4	CY62148EV30LL-45ZSXIT	CY62148EV30LL-45SXIKN	Available
5	CY62148G18-55ZSXI	CY62148G18-55ZSXIKN	Subject to lead time
6	CY62148G18-55ZSXIT	CY62148G18-55ZSXIKN	Subject to lead time
7	CY62148G30-45ZSXI	CY62148G30-45ZSXIKN	Subject to lead time
8	CY62148G30-45ZSXIT	CY62148G30-45ZSXIKN	Subject to lead time
9	CY62148G-45ZSXI	CY62148G-45ZSXIKN	Subject to lead time
10	CY62148G-45ZSXIT	CY62148G-45ZSXIKN	Subject to lead time
11	CY62148GN30-45ZSXI	CY62148GN30-45ZSXIKN	Subject to lead time
12	CY62148GN30-45ZSXIT	CY62148GN30-45ZSXIKN	Subject to lead time
13	CY62148GN-45ZSXI	CY62148GN-45ZSXIKN	Subject to lead time
14	CY62148GN-45ZSXIT	CY62148GN-45ZSXIKN	Subject to lead time