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PRODUCT CHANGE NOTIFICATION

PCN: PCN153801

Date: September 14, 2015

Subject: Transfer of Assembly Site from Amkor Philippines to Lingsen Taiwan for Select 28-Lead PDIP 300 mil Products

To: PCN ADMIN
CYPRESS
pcn_adm@cypress.com

Change Type: Major

Description of Changes:

Cypress announces the qualification of assembly manufacturing operations at the Lingsen Taiwan facility for select 28-Lead PDIP 300 mil products that are currently being assembled at the Amkor Philippines facility. This qualification allows Cypress to continue supporting this package at an alternate manufacturing site due to the decision of Amkor Philippines to terminate manufacturing of this package by the end of September 2015.

Products assembled at Lingsen Taiwan are pin-to-pin compatible with existing products from a functional, parametric, datasheet and quality performance perspective. Lingsen Taiwan will manufacture these packages using the bill of materials (BOM) shown below. Lingsen Taiwan is a qualified assembly site for Cypress PDIP 600mil products. The 300 mil package will use the same BOM that is currently utilized for the 600 mil PDIP production package.

Material	Lingsen Set of Material (New Site)	Amkor Set of Material (Current Site)
Mold Compound	G600	G600
Die Attach Epoxy	CRM-1033BF	8361J
Bond Wire	0.8 mil CuPd	0.8 mil Cu
Leadframe	Roughened	Standard
External Lead Finish	Pure Sn	Pure Sn

Benefit of Change:

Qualification of alternate manufacturing sites is part of the ongoing manufacturing initiative announced by Cypress. The goal of the manufacturing initiative is to provide the means for Cypress to continue to meet our customers' requirements and meet our delivery commitments through dynamic, changing market conditions.

Affected Part Numbers: 3

Affected Parts: See the attached 'Affected Parts List' file for a list of part numbers affected by this change. Note that any related new parts introduced after the publication of this PCN will include all changes outlined in this PCN.

Qualification Status:

Lingsen Taiwan has been qualified through a series of tests documented in the Qualification Test Plan (QTP) 151901. This qualification report can be found as an attachment to this notification.

Sample Status:

Qualification samples are available. Please review the attached 'Affected Parts List' file for a list of affected part numbers with their associated sample ordering part numbers. Please contact your Sales Representative as soon as possible, but within 30 days of the date of this PCN, to place any sample orders. Qualification sample orders received after 30 days from the date of this PCN will be subject to lead times.

Approximate Implementation Date:

Implementation of this change becomes effective 90 days from the date of this notification or upon customer approval, whichever comes first. All shipments of the affected part numbers in the attached file will be supplied from either of the qualified manufacturing sites.

Anticipated Impact:

Products assembled at Lingsen Taiwan are completely compatible with existing products from a functional, parametric, and quality performance perspective.

Cypress 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:

There will be no changes to the part number. 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