



Cypress Semiconductor Corporation, 198 Champion Court, San Jose, CA 95134 (408) 943-2600

PRODUCT CHANGE NOTIFICATION

PCN: PCN162803

Date: July 15, 2016

Subject: Qualification of JCET as an Additional Assembly Site for Select 28-Lead TSOP I Products

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

Description of Change:

Cypress announces the qualification of Jiangsu Changjiang Electronics Technology Co., Ltd (JCET) as an additional assembly site for select 28-Lead TSOP I (8x13.4x1.2mm) Pb-Free package products. JCET is a world-class assembly facility, qualified to build standard grade as well as automotive grade products consistent with AEC-Q100. The qualification of this facility will enable Cypress to tailor assembly operations to meet our customers' stringent quality and reliability requirements in our effort to continually provide world-class service.

28-Lead TSOP I (8x13.4x1.2mm) Pb-Free packages are assembled at JCET using the following set of materials.

Material	JCET Set of Material	Lingsen Set of Material
Mold Compound	Kyocera KE-G6000DA	Sumitomo EME-G700
Lead Finish	NiPdAu	Matte Sn
Die Attach Epoxy	Henkel QMI509	Sumitomo CRM-1064L
Bond Wire	0.8mil Au	0.8mil Au

Benefit of Change:

Qualification of alternate manufacturing sites is part of Cypress's continuous improvement in our flexible manufacturing initiative providing Cypress with the added capability to meet upside market demand, reduce business continuity risk, and ensure consistent and reliable delivery to customers in dynamic, changing market conditions.

Part Numbers Affected: 3

Affected Parts: 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:

The changes listed in this PCN have been qualified through a series of tests documented in Qualification Test Plan (QTP) 161301. This qualification report can be found as an attachment to this notification or by visiting www.cypress.com and typing the QTP number in the keyword search window.

Sample Status:

Samples of the 28-Lead TSOP I part numbers are available as indicated in the attached file. Please contact your Sales Representative as soon as possible, but 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 the affected part numbers in the attached file may be sourced from JCET in Jiangsu, China or from the other qualified manufacturing sites.

Anticipated Impact:

There is no anticipated impact associated with the transfer to product form, fit, function, performance, reliability, quality or product delivery.

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:

Cypress maintains traceability of product to wafer level, including wafer fabrication location, through the lot number marked on the package.

Response Required:

Cypress will assume you accept this change and associated implementation schedule if we do not receive your response in writing within 30 days. The notice, policies and procedures stated here will supersede any previous agreements you may have with Cypress with respect to product change notifications (PCNs). If you wish to request qualification samples, please enter your request within 30 days of this PCN date. If you need to request a restriction to prevent shipment of the changed product, the following policies and procedures will apply: [1] Within 30 days from the date of the PCN, you must notify Cypress that you will require more than 90 days to accept this change. [2] Within 30 days from the date of the PCN, request a restricted part number through your local sales office. Restricted part numbers are temporary and limit shipments to the old location or process. These are considered custom and temporary and subject to additional non-standard terms and conditions. [3] Within 60 days from the PCN date, you must issue a revised purchase order (PO) to convert your order backlog from the affected part number to the restricted part number. Beginning 90 days from this PCN date, for backlog not converted to the restricted part number, you may receive changed product. [4] Products ordered on restricted part numbers are considered custom and subject to the following additional terms and conditions: [4a] All orders placed on restricted part numbers are non-cancelable, non-returnable, and non-rescheduleable. [4b] Up to 30 percent price premium may apply. [4c] Lead times may be extended from standard product lead times. [4d] Upside demand re-promise may be subject to an expedite charge. [4e] Restricted part numbers are temporary and subject to Last Time Buy (LTB) 180 days from the PCN date; Last Time Ship (LTS) 90 days from LTB date.

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