



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

## PRODUCT CHANGE NOTIFICATION

**PCN:** PCN163805

**Date:** September 23, 2016

**Subject:** Qualification of JCET as an Alternate Assembly Site for Select 32-Lead TSOP I Products

**To:** TOKYO ELECTRON DEVICE

### Description of Change:

Cypress announces the qualification of Jiangsu Changjiang Electronics Technology Co., Ltd (JCET) as an alternate assembly site for select 32-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.

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

Material	JCET Set of Material	ASEK Set of Material
Mold Compound	Kyocera KE-G6000DA-CY	Sumitomo EME-G631H
Lead Finish	NiPdAu	Matte Sn
Die Attach Epoxy	Henkel QMI509	Sumitomo CRM-1076WA
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: 6

**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) 161601. This qualification report can be found as an attachment to this notification.

**Sample Status:**

Samples of the 32-Lead TSOP I part numbers are available as indicated in the attached 'Affected Parts List' 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:**

Please acknowledge receipt of this PCN, and submit any sample or additional information requests, within 30 days of this notification. Lack of acknowledgement will constitute acceptance of this change, which will be implemented 90 days from this notification.

For additional information regarding this change, contact your local sales representative or contact the PCN Administrator at [pcn\\_adm@cypress.com](mailto:pcn_adm@cypress.com).

Sincerely,

Cypress PCN Administration