



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

## PRODUCT CHANGE NOTIFICATION

**PCN:** PCN163802

**Date:** September 27, 2016

**Subject:** Qualification of Cypress Philippines as an additional Assembly Site for Select 48-Lead TSOP Products

**To:** General Inbox  
NEWARK  
Productchangenotices@newark.com

**Change Type:** Major

### Description of Change:

Cypress announces the qualification of Cypress Philippines as an additional assembly site for select 48-Lead TSOP products. These products are currently assembled at Cypress Bangkok. Products assembled at Cypress Philippines are pin-to-pin compatible with existing product from a functional, parametric and quality performance perspective. Cypress Philippines will manufacture this package by using the following shaded bill of materials (BOMs):

48-Lead TSOP		
Bill of Materials	Cypress Philippines	Cypress Bangkok
Mold Compound	Sumitomo G600B	Sumitomo G600B
Leadframe Finish	NiPdAu	Matte Sn
Die Attach Adhesive	Hitachi HR9070GT-12 inch DAF	Hitachi HR9070GT-12 inch DAF
Bond Wire	CuPd-Au Flash	Bare Cu

There are no changes to ordering part numbers. Product datasheets remain the same and can be downloaded from the Cypress Website ([www.cypress.com](http://www.cypress.com)).

### Benefit of Change:

This qualification 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

**Affected Part Numbers: 33**

**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:**

Cypress Philippines has been qualified through a series of tests documented in the Qualification Test Plan (QTP) report 163605. The qualification is expected to complete by October 2016.

**Sample Status:**

Qualification samples are not 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. Sample requests for products without samples built ahead of time will be built to order and subject to standard lead times. 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 will be supplied from Cypress Philippines or any other approved assembly sites.

**Anticipated Impact:**

Products manufactured are completely compatible with existing product from a functional, parametric, and quality performance perspective.

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](mailto:pcn_adm@cypress.com).

Sincerely,

Cypress PCN Administration