



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:**

**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):

<b>48-Lead TSOP</b>		
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

<b>Item</b>	<b>Marketing Part Number</b>	<b>Sample Order Part Number</b>
1	S34ML01G100TFA000	Available to order; subject to lead time
2	S34ML01G100TFA003	Available to order; subject to lead time
3	S34ML01G100TFB000	Available to order; subject to lead time
4	S34ML01G100TFB003	Available to order; subject to lead time
5	S34ML01G100TFI000	Available to order; subject to lead time
6	S34ML01G100TFI003	Available to order; subject to lead time
7	S34ML01G100TFI500	Available to order; subject to lead time
8	S34ML01G100TFI503	Available to order; subject to lead time
9	S34ML01G100TFI900	Available to order; subject to lead time
10	S34ML01G100TFV000	Available to order; subject to lead time
11	S34ML01G100TFV003	Available to order; subject to lead time
12	S34ML04G100TFA000	Available to order; subject to lead time
13	S34ML04G100TFA003	Available to order; subject to lead time
14	S34ML04G100TFB000	Available to order; subject to lead time
15	S34ML04G100TFB003	Available to order; subject to lead time
16	S34ML04G100TFI000	Available to order; subject to lead time
17	S34ML04G100TFI003	Available to order; subject to lead time
18	S34ML04G100TFI900	Available to order; subject to lead time
19	S34ML04G100TFI903	Available to order; subject to lead time
20	S34ML04G100TFV000	Available to order; subject to lead time
21	S34ML04G100TFV003	Available to order; subject to lead time
22	S34ML04G200TFA000	Available to order; subject to lead time
23	S34ML04G200TFA003	Available to order; subject to lead time
24	S34ML04G200TFB000	Available to order; subject to lead time
25	S34ML04G200TFB003	Available to order; subject to lead time
26	S34ML04G200TFI000	Available to order; subject to lead time
27	S34ML04G200TFI003	Available to order; subject to lead time
28	S34ML04G200TFI500	Available to order; subject to lead time
29	S34ML04G200TFI503	Available to order; subject to lead time
30	S34ML04G200TFI900	Available to order; subject to lead time
31	S34ML04G200TFI903	Available to order; subject to lead time
32	S34ML04G200TFV000	Available to order; subject to lead time
33	S34ML04G200TFV003	Available to order; subject to lead time