



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

PRODUCT CHANGE NOTIFICATION

PCN: PCN163802A

Date: May 08, 2017

Subject: Addendum to PCN163802 - Qualification of Cypress Philippines as an Additional Assembly Site for select 48-Lead TSOP Products

To:

Change Type: Major

Description of Change:

The purposes of this addendum are to correct the expected completion of the qualification from October 2016 to June 2017 and to update the list of affected parts.

Cypress announces the qualification of Cypress Philippines as an additional assembly site for select 48-Lead TSOP products.

The 48-Lead TSOP packages are assembled at Cypress Philippines using the following Bill of Materials:

Material	Cypress Philippines Bill of Materials	Cypress Bangkok Bill of Materials
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	0.8 mil CuPd-Au Flash	0.9 mil Bare Cu

Benefit of Change:

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

Part Numbers Affected: 52

See the attached 'Affected Parts List' file for a list of all part numbers affected by this change, including part numbers listed in the original PCN that will not be transferred to Cypress Philippines. Note that any new parts that are introduced after the publication of this PCN will include all changes outlined in this PCN.

Qualification Status:

This package is being qualified through a series of tests documented in the Qualification Test Plan # 163605. The qualification is expected to be completed by June 2017. Once complete, the qualification report can be found by visiting www.cypress.com and typing the QTP number in the keyword search window.

Sample Status:

Please review the attached 'Affected Parts List' file for a list of affected part numbers with their associated Cypress Philippines sample ordering part numbers. If you will require qualification samples, please contact your local Cypress sales representative, preferably within 30 days of the date of the final PCN, to place any sample orders.

Approximate Implementation Date:

Effective 90 days from the qualification completion or upon customer approval, whichever comes first, all shipments of the affected part numbers in the attached file will be assembled at Cypress Philippines or other approved assembly sites.

Anticipated Impact:

Products assembled at the new site will be completely compatible with existing products 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.

Sincerely,

Cypress PCN Administration

Item	Marketing Part Number	Sample Order Part Number	Comment
1	S34ML01G100TFA000	NA	Will not be transferred to Cypress Philippines
2	S34ML01G100TFA003	NA	Will not be transferred to Cypress Philippines
3	S34ML01G100TFB000	NA	Will not be transferred to Cypress Philippines
4	S34ML01G100TFB003	NA	Will not be transferred to Cypress Philippines
5	S34ML01G100TFI000	S34ML01G100TFI00KA	Was included in the original PCN parts list.
6	S34ML01G100TFI003	S34ML01G100TFI00KA	Was included in the original PCN parts list.
7	S34ML01G100TFI500	S34ML01G100TFI50KA	Was included in the original PCN parts list.
8	S34ML01G100TFI503	S34ML01G100TFI50KA	Was included in the original PCN parts list.
9	S34ML01G100TFI900	S34ML01G100TFI90KA	Was included in the original PCN parts list.
10	S34ML01G100TFV000	S34ML01G100TFV00KA	Was included in the original PCN parts list.
11	S34ML01G100TFV003	S34ML01G100TFV00KA	Was included in the original PCN parts list.
12	S34ML01G200TFI000	S34ML01G200TFI00KA	Added to the parts list through this addendum.
13	S34ML01G200TFI003	S34ML01G200TFI00KA	Added to the parts list through this addendum.
14	S34ML01G200TFI500	S34ML01G200TFI50KA	Added to the parts list through this addendum.
15	S34ML01G200TFI503	S34ML01G200TFI50KA	Added to the parts list through this addendum.
16	S34ML01G200TFI900	S34ML01G200TFI90KA	Added to the parts list through this addendum.
17	S34ML01G200TFI903	S34ML01G200TFI90KA	Added to the parts list through this addendum.
18	S34ML01G200TFV000	S34ML01G200TFV00KA	Added to the parts list through this addendum.
19	S34ML01G200TFV003	S34ML01G200TFV00KA	Added to the parts list through this addendum.
20	S34ML02G100TFI000	S34ML02G100TFI00KA	Added to the parts list through this addendum.
21	S34ML02G100TFI003	S34ML02G100TFI00KA	Added to the parts list through this addendum.
22	S34ML02G100TFI900	S34ML02G100TFI90KA	Added to the parts list through this addendum.
23	S34ML02G100TFV000	S34ML02G100TFV00KA	Added to the parts list through this addendum.
24	S34ML02G100TFV003	S34ML02G100TFV00KA	Added to the parts list through this addendum.
25	S34ML02G200TFI000	S34ML02G200TFI00KA	Added to the parts list through this addendum.
26	S34ML02G200TFI003	S34ML02G200TFI00KA	Added to the parts list through this addendum.
27	S34ML02G200TFI500	S34ML02G200TFI50KA	Added to the parts list through this addendum.
28	S34ML02G200TFI503	S34ML02G200TFI50KA	Added to the parts list through this addendum.
29	S34ML02G200TFV000	S34ML02G200TFV00KA	Added to the parts list through this addendum.
30	S34ML02G200TFV003	S34ML02G200TFV00KA	Added to the parts list through this addendum.
31	S34ML04G100TFA000	NA	Will not be transferred to Cypress Philippines
32	S34ML04G100TFA003	NA	Will not be transferred to Cypress Philippines
33	S34ML04G100TFB000	NA	Will not be transferred to Cypress Philippines
34	S34ML04G100TFB003	NA	Will not be transferred to Cypress Philippines
35	S34ML04G100TFI000	S34ML04G100TFI00KA	Was included in the original PCN parts list.
36	S34ML04G100TFI003	S34ML04G100TFI00KA	Was included in the original PCN parts list.
37	S34ML04G100TFI900	S34ML04G100TFI90KA	Was included in the original PCN parts list.
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39	S34ML04G100TFV000	S34ML04G100TFV00KA	Was included in the original PCN parts list.
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41	S34ML04G200TFA000	NA	Will not be transferred to Cypress Philippines
42	S34ML04G200TFA003	NA	Will not be transferred to Cypress Philippines
43	S34ML04G200TFB000	NA	Will not be transferred to Cypress Philippines
44	S34ML04G200TFB003	NA	Will not be transferred to Cypress Philippines
45	S34ML04G200TFI000	S34ML04G200TFI00KA	Was included in the original PCN parts list.
46	S34ML04G200TFI003	S34ML04G200TFI00KA	Was included in the original PCN parts list.
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51	S34ML04G200TFV000	S34ML04G200TFV00KA	Was included in the original PCN parts list.
52	S34ML04G200TFV003	S34ML04G200TFV00KA	Was included in the original PCN parts list.