



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

## PRODUCT CHANGE NOTIFICATION

**PCN:** PCN163802B

**Date:** October 25, 2017

**Subject:** Addendum to PCN163802A - Qualification of Cypress Philippines as an Additional Assembly Site for Select 48-Lead TSOP NAND Flash Products

**To:**

**Change Type:** Major

**Description of Change:**

The purpose of this addendum is to announce the completion of the qualification and to correct the sample order part numbers.

Cypress announces the qualification of Cypress Philippines as an additional assembly site for select 48-Lead TSOP NAND FLASH 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 has been qualified through a series of tests documented in the Qualification Test Plan (QTP#163605). This qualification report can be found as an attachment to this PCN or by visiting [www.cypress.com](http://www.cypress.com) and typing the QTP number in the keyword search window.

**Sample Status:**

Qualification samples may not be 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 Cypress Philippines sample ordering part numbers. Samples are available now unless there is an indication that the sample ordering part numbers are subject to lead times. If you require qualification samples, please contact your local Cypress sales representative as soon as possible, preferably 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 assembled at Cypress Philippines or other approved assembly sites.

**Anticipated Impact:**

Products assembled at the new site are 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](mailto:pcn_adm@cypress.com).

Sincerely,

Cypress PCN Administration

Item	Marketing Part Number	Sample Order Part Number
1	S34ML01G100TFI000	S34ML01G100TFI0C0
2	S34ML01G100TFI003	S34ML01G100TFI0C0
3	S34ML01G100TFI500	S34ML01G100TFI5C0, Subject to lead time
4	S34ML01G100TFI503	S34ML01G100TFI5C0, Subject to lead time
5	S34ML01G100TFI900	S34ML01G100TFI9C0, Subject to lead time
6	S34ML01G100TFV000	S34ML01G100TFV0C0, Subject to lead time
7	S34ML01G100TFV003	S34ML01G100TFV0C0, Subject to lead time
8	S34ML01G100TFA000	Will not be transferred to Cypress Philippines as per PCN 163802A
9	S34ML01G100TFA003	Will not be transferred to Cypress Philippines as per PCN 163802A
10	S34ML01G100TFB000	Will not be transferred to Cypress Philippines as per PCN 163802A
11	S34ML01G100TFB003	Will not be transferred to Cypress Philippines as per PCN 163802A
12	S34ML01G200TFI000	S34ML01G200TFI0C0
13	S34ML01G200TFI003	S34ML01G200TFI0C0
14	S34ML01G200TFI500	S34ML01G200TFI5C0, Subject to lead time
15	S34ML01G200TFI503	S34ML01G200TFI5C0, Subject to lead time
16	S34ML01G200TFI900	S34ML01G200TFI9C0, Subject to lead time
17	S34ML01G200TFI903	S34ML01G200TFI9C0, Subject to lead time
18	S34ML01G200TFV000	S34ML01G200TFV0C0
19	S34ML01G200TFV003	S34ML01G200TFV0C0
20	S34ML02G100TFI000	S34ML02G100TFI0C0
21	S34ML02G100TFI003	S34ML02G100TFI0C0
22	S34ML02G100TFI900	S34ML02G100TFI9C0, Subject to lead time
23	S34ML02G100TFV000	S34ML02G100TFV0C0
24	S34ML02G100TFV003	S34ML02G100TFV0C0
25	S34ML02G200TFI000	S34ML02G200TFI0C0
26	S34ML02G200TFI003	S34ML02G200TFI0C0
27	S34ML02G200TFI500	S34ML02G200TFI5C0, Subject to lead time
28	S34ML02G200TFI503	S34ML02G200TFI5C0, Subject to lead time
29	S34ML02G200TFV000	S34ML02G200TFV0C0
30	S34ML02G200TFV003	S34ML02G200TFV0C0
31	S34ML04G100TFI000	S34ML04G100TFI0C0
32	S34ML04G100TFI003	S34ML04G100TFI0C0
33	S34ML04G100TFI900	S34ML04G100TFI9C0, Subject to lead time
34	S34ML04G100TFI903	S34ML04G100TFI9C0, Subject to lead time
35	S34ML04G100TFV000	S34ML04G100TFV0C0, Subject to lead time
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43	S34ML04G200TFI500	S34ML04G200TFI5C0, Subject to lead time
44	S34ML04G200TFI503	S34ML04G200TFI5C0, Subject to lead time
45	S34ML04G200TFI900	S34ML04G200TFI9C0, Subject to lead time
46	S34ML04G200TFI903	S34ML04G200TFI9C0, Subject to lead time
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