



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

PRODUCT CHANGE NOTIFICATION

PCN: PCN171303

Date: March 29, 2017

Subject: Qualification of Cypress Bangkok as an Additional Assembly Site for Select 48-Lead TSOP I Products.

To:

Description of Change:

Cypress announces the qualification of Cypress Bangkok as an additional assembly site for select 48-lead Thin Small Outline Package Type I (TSOP I) products. Cypress Bangkok is a world-class assembly facility, qualified to build standard grade as well as automotive grade products in consistent with AEC-Q100. Cypress Bangkok is certified to several international quality standards, including ISO/TS16949, OHSAS18001 and ANSI/ESD S20.20. 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.

48-lead TSOP I packages are assembled at Cypress Bangkok using the following set of materials:

48-Lead TSOP I		
Assembly Site	ASE Taiwan	CY Bangkok
Mold Compound	Sumitomo EME-G631	Hitachi Cel 9200HF10-U
Die Attach	Sumitomo CR1076	Ablestik 8340
Bond Wire	0.8 mil CuPd	0.9 mil Cu
Lead Finish	Pure Tin	Pure Tin

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.

Affected Parts Numbers: 34

Affected Parts: See the attached 'Affected Parts List' file for the list of part numbers affected by this change. Note that any new 48-lead TSOP I parts that are introduced after the publication of this PCN may also be manufactured at the Cypress Bangkok facility.

Qualification Status:

As per specific list of major changes, these packages are being qualified through series of tests planned on the Qualification Test Plan # 171001. The report for this QTP can be found as an attachment to this PCN.

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 the list of affected part numbers with their associated sample ordering part numbers. Sample requests for products with "Subject to lead time" are not built ahead of time, they 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 Bangkok or any other approved assembly sites.

Anticipated Impact:

None anticipated. Customers may receive parts from Cypress Bangkok or other approved assembly sites.

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
1	CY62167G18-55ZXI	CY62167G18-55ZXIKK; Subject to lead time
2	CY62167G18-55ZXIT	CY62167G18-55ZXIKK; Subject to lead time
3	CY62167G30-45ZXI	CY62167G30-45ZXIKK
4	CY62167G30-45ZXIT	CY62167G30-45ZXIKK
5	CY62167G-45ZXI	CY62167G-45ZXIKK
6	CY62167G-45ZXIT	CY62167G-45ZXIKK
7	CY62167GE30-45ZXI	CY62167GE30-45ZXIKK
8	CY62167GE30-45ZXIT	CY62167GE30-45ZXIKK
9	CY62167GE-45ZXI	CY62167GE-45ZXIKK; Subject to lead time
10	CY62167GE-45ZXIT	CY62167GE-45ZXIKK; Subject to lead time
11	CY62167GN30-45ZXI	CY62167GN30-45ZXIKK; Subject to lead time
12	CY62167GN30-45ZXIT	CY62167GN30-45ZXIKK; Subject to lead time
13	CY62167GN-45ZXI	CY62167GN-45ZXIKK; Subject to lead time
14	CY62167GN-45ZXIT	CY62167GN-45ZXIKK; Subject to lead time
15	CY7C1061G-10ZXI	CY7C1061G-10ZXIKK; Subject to lead time
16	CY7C1061G-10ZXIT	CY7C1061G-10ZXIKK; Subject to lead time
17	CY7C1061G18-15ZXI	CY7C1061G18-15ZXIKK; Subject to lead time
18	CY7C1061G18-15ZXIT	CY7C1061G18-15ZXIKK; Subject to lead time
19	CY7C1061G30-10ZXI	CY7C1061G30-10ZXIKK; Subject to lead time
20	CY7C1061G30-10ZXIT	CY7C1061G30-10ZXIKK; Subject to lead time
21	CY7C1061GE-10ZXI	CY7C1061GE-10ZXIKK; Subject to lead time
22	CY7C1061GE-10ZXIT	CY7C1061GE-10ZXIKK; Subject to lead time
23	CY7C1061GE18-15ZXI	CY7C1061GE18-15ZXIKK; Subject to lead time
24	CY7C1061GE18-15ZXIT	CY7C1061GE18-15ZXIKK; Subject to lead time
25	CY7C1061GE30-10ZXI	CY7C1061GE30-10ZXIKK; Subject to lead time
26	CY7C1061GE30-10ZXIT	CY7C1061GE30-10ZXIKK; Subject to lead time
27	CY7C1061GN30-10ZXI	CY7C1061GN30-10ZXIKK; Subject to lead time
28	CY7C1061GN30-10ZXIT	CY7C1061GN30-10ZXIKK; Subject to lead time
29	CY7S1061G30-10ZXI	CY7S1061G30-10ZXIKK; Subject to lead time
30	CY7S1061G30-10ZXIT	CY7S1061G30-10ZXIKK; Subject to lead time
31	CY7S1061GE-10ZXI	CY7S1061GE-10ZXIKK; Subject to lead time
32	CY7S1061GE-10ZXIT	CY7S1061GE-10ZXIKK; Subject to lead time
33	CY7S1061GE30-10ZXI	CY7S1061GE30-10ZXIKK; Subject to lead time
34	CY7S1061GE30-10ZXIT	CY7S1061GE30-10ZXIKK; Subject to lead time