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PRODUCT CHANGE NOTIFICATION

PCN: PCN152403

Date: June 15, 2015

Subject: Transfer of Assembly Site from Amkor Korea 1 to Amkor Philippines 1 for Select TQFP Products

To: PCN ADMIN
CYPRESS
pcn_adm@cypress.com

Change Type: Major

Description of Changes:

Cypress announces the qualification of assembly manufacturing operations at Amkor Philippines 1 facility for select TQFP products that are currently being assembled at Amkor Korea 1 facility. This qualification is due to the planned closure of the Amkor Korea 1 facility.

Products assembled at Amkor Philippines 1 are pin-to-pin compatible with existing product from a functional, parametric, datasheet and quality performance perspective. Amkor Philippines 1 will manufacture these packages by using the following shaded bill of materials (BOM):

Material	Amkor Korea 1	Amkor Philippines 1
Mold Compound	Sumitomo EME-G700L	Sumitomo EME-G631HQ
Die Attach Epoxy	Ablestik 3230	Trubond AP4200
Bond Wire	Au	CuPd
Lead Finish	Pure Sn	Pure Sn

Benefit of Change:

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

Affected Part Numbers: 66

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:

Amkor Philippines 1 has been qualified through a series of tests documented in the Qualification Test Plans (QTPs) listed below. These qualification reports can be found as an attachment to this notification or by visiting www.cypress.com and typing the QTP number in the keyword search window.

TQFP Packages	QTP No.
120-Lead TQFP Package	145010
32-Lead TQFP Package	150201
44/52-Lead TQFP Package	150202

Sample Status:

Qualification samples are not built ahead of time for all part numbers affect 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 any of the qualified manufacturing sites.

Anticipated Impact:

Products assembled at Amkor Philippines 1 are completely compatible with existing product from a functional, parametric, and quality performance perspective.

Cypress 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:

There will be no changes to the part number. 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	Package
1	CY29940AXC	Available to order; subject to lead time	32 lead TQFP
2	CY29940AXC	Available to order; subject to lead time	32 lead TQFP
3	CY29940AXCT	Available to order; subject to lead time	32 lead TQFP
4	CY29940AXCT	Available to order; subject to lead time	32 lead TQFP
5	CY29940AXI	Available to order; subject to lead time	32 lead TQFP
6	CY29940AXI	Available to order; subject to lead time	32 lead TQFP
7	CY29940AXIT	Available to order; subject to lead time	32 lead TQFP
8	CY29940AXIT	Available to order; subject to lead time	32 lead TQFP
9	CY29942AXC	Available to order; subject to lead time	32 lead TQFP
10	CY29942AXC	Available to order; subject to lead time	32 lead TQFP
11	CY29942AXCT	Available to order; subject to lead time	32 lead TQFP
12	CY29942AXCT	Available to order; subject to lead time	32 lead TQFP
13	CY29942AXI	Available to order; subject to lead time	32 lead TQFP
14	CY29942AXI	Available to order; subject to lead time	32 lead TQFP
15	CY29942AXIT	Available to order; subject to lead time	32 lead TQFP
16	CY29942AXIT	Available to order; subject to lead time	32 lead TQFP
17	CY29946AXC	CY29946AXCKP	32 lead TQFP
18	CY29946AXCT	CY29946AXCKP	32 lead TQFP
19	CY29946AXI	CY29946AXIKP	32 lead TQFP
20	CY29946AXIT	CY29946AXIKP	32 lead TQFP
21	CY29947AXI	CY29947AXIKP	32 lead TQFP
22	CY29947AXIT	CY29947AXIKP	32 lead TQFP
23	CY29948AXC	CY29948AXCKP	32 lead TQFP
24	CY29948AXCT	CY29948AXCKP	32 lead TQFP
25	CY29948AXI	CY29948AXIKP	32 lead TQFP
26	CY29948AXIT	CY29948AXIKP	32 lead TQFP
27	CY2DL1510AZC	CY2DL1510AZCKP	32 lead TQFP
28	CY2DL1510AZCT	CY2DL1510AZCKP	32 lead TQFP
29	CY2DL1510AZI	CY2DL1510AZIKP	32 lead TQFP
30	CY2DL1510AZIT	CY2DL1510AZIKP	32 lead TQFP
31	CY2DL15110AZI	Available to order; subject to lead time	32 lead TQFP
32	CY2DL15110AZIT	Available to order; subject to lead time	32 lead TQFP
33	CY2DP1510AXC	CY2DP1510AXCKP	32 lead TQFP
34	CY2DP1510AXCT	CY2DP1510AXCKP	32 lead TQFP
35	CY2DP1510AXI	Available to order; subject to lead time	32 lead TQFP
36	CY2DP1510AXIT	Available to order; subject to lead time	32 lead TQFP
37	CY7B9945V-2AXC	Available to order; subject to lead time	52 lead TQFP
38	CY7B9945V-2AXCT	Available to order; subject to lead time	52 lead TQFP
39	CY7B9945V-2AXI	CY7B9945V-2AXIKP	52 lead TQFP
40	CY7B9945V-2AXIT	CY7B9945V-2AXIKP	52 lead TQFP
41	CY7B9950AXC	CY7B9950AXCKP	32 lead TQFP
42	CY7B9950AXCT	CY7B9950AXCKP	32 lead TQFP
43	CY7B9950AXI	CY7B9950AXIKP	32 lead TQFP
44	CY7B9950AXIT	CY7B9950AXIKP	32 lead TQFP

45	CY7B995AXI	CY7B995AXIKP	44 lead TQFP
46	CY7B995AXIT	CY7B995AXIKP	44 lead TQFP
47	CY7B9973V-AXC	CY7B9973V-AXCKP	52 lead TQFP
48	CY7B9973V-AXCT	CY7B9973V-AXCKP	52 lead TQFP
49	CY7C4201V-15AXC	CY7C4201V-15AXCKP	32 lead TQFP
50	CY7C4201V-15AXCT	CY7C4201V-15AXCKP	32 lead TQFP
51	CY7C421-15AXC	CY7C421-15AXCKP	32 lead TQFP
52	CY7C421-15AXCT	CY7C421-15AXCKP	32 lead TQFP
53	CY7C4211V-15AXI	CY7C4211V-15AXIKP	32 lead TQFP
54	CY7C4271-15AXC	Available to order; subject to lead time	32 lead TQFP
55	CY8C27543-24AXI	Available to order; subject to lead time	44 lead TQFP
56	CYS25G0101DX-AEXC	CYS25G0101DX-AEXCKP	120 lead TQFP
57	CG8020AA	Available to order; subject to lead time	32 lead TQFP
58	CG8020AA	Available to order; subject to lead time	32 lead TQFP
59	CG8020AAT	Available to order; subject to lead time	32 lead TQFP
60	CG8020AAT	Available to order; subject to lead time	32 lead TQFP
61	CG8072AA	Available to order; subject to lead time	32 lead TQFP
62	CG8072AAT	Available to order; subject to lead time	32 lead TQFP
63	CG8154AA	Available to order; subject to lead time	32 lead TQFP
64	CG8154AA	Available to order; subject to lead time	32 lead TQFP
65	CG8154AAT	Available to order; subject to lead time	32 lead TQFP
66	CG8154AAT	Available to order; subject to lead time	32 lead TQFP