



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

PRODUCT CHANGE NOTIFICATION

PCN: PCN170401

Date: March 14, 2017

Subject: Qualification of ChipMOS as an Additional Assembly Site for Select 54-Lead TSOP II Products

Description of Change:

Cypress announces the qualification of ChipMOS Technologies Inc, Taiwan as an additional assembly site for select 54-Lead TSOP II (400mils) Pb-Free package products. 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.

54-Lead TSOP II (400mils) Pb-Free packages are assembled at ChipMOS Technologies using the following set of materials.

For Marketing Part Number: CY14B116M-xxxxxxx & CY14B116N-xxxxxxx:

Material	ChipMOS Set of Material	ASE-KH Taiwan Set of Material
Mold Compound	Hitachi 9200HF-U	EME-G631SH
Lead Frame	Alloy 42	Alloy 42
Die Attach Epoxy	Nitto EM710	FH900
Bond Wire	Gold	Cu / PdCu

For Marketing Part Number: CG8131AA, CY14B104x-xxxxx, CY7C1061xxxx-xxxxx, CY7C1069x-xxxxx, CY7S1061xx-xxxxx:

Material	ChipMOS Set of Material	ASE_KH Taiwan Set of Material
Mold Compound	9200HF-U	EME-G631SH
Lead Frame	Cu	Alloy 42
Die Attach Epoxy	EN4900	CRM1076
Bond Wire	Gold	Gold / Cu / PdCu

Benefit of Change:

Qualification of alternate manufacturing sites 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 Parts: 50

Part Numbers Affected: 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:

The changes listed in this PCN have been qualified through a series of tests documented in Qualification Test Plans (QTPs) 163002 and 163503. These qualification reports can be found as attachments to this notification.

Sample Status:

Samples of the 54-Lead TSOP II part numbers are available as indicated in the attached 'Affected Parts List' file. 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 may be sourced from ChipMOS Technologies Inc. Taiwan or from the other qualified manufacturing sites.

Anticipated Impact:

There is no anticipated impact associated with the transfer to product form, fit, function, performance, reliability, quality or product delivery.

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:

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	CY14B104M-ZSP25XI	CY14B104M-ZSP25XIKZ
2	CY14B104M-ZSP25XIT	CY14B104M-ZSP25XIKZ
3	CY14B104M-ZSP45XI	CY14B104M-ZSP45XIKZ
4	CY14B104M-ZSP45XIT	CY14B104M-ZSP45XIKZ
5	CY14B104NA-ZSP25XIT	CY14B104M-ZSP45XIKZ
6	CY14B104NA-ZSP25XI	CY14B104NA-ZSP25XIKZ
7	CY14B104NA-ZSP45XI	CY14B104NA-ZSP45XIKZ
8	CY14B104NA-ZSP45XIT	CY14B104NA-ZSP45XIKZ
9	CY14B116M-ZSP25XI	CY14B116M-ZSP25XIKZ
10	CY14B116M-ZSP25XIT	CY14B116M-ZSP25XIKZ
11	CY14B116N-ZSP25XI	CY14B116N-ZSP25XIKZ
12	CY14B116N-ZSP25XIT	CY14B116N-ZSP25XIKZ
13	CY14B116N-ZSP45XI	CY14B116N-ZSP45XIKZ
14	CY14B116N-ZSP45XIT	CY14B116N-ZSP45XIKZ
15	CY7C10612G30-10ZSXI	CY7C10612G30-10ZSXIKZ
16	CY7C10612G30-10ZSXIT	CY7C10612G30-10ZSXIKZ
17	CY7C10612GE30-10ZSXI	CY7C10612GE30-10ZXIKZ
18	CY7C10612GE30-10ZSXIT	CY7C10612GE30-10ZXIKZ
19	CY7C10612GN30-10ZSXI	CY7C10612GN30-10ZXIKZ
20	CY7C10612GN30-10ZSXIT	CY7C10612GN30-10ZXIKZ
21	CY7C1061G-10ZSXI	CY7C1061G-10ZSXIKZ
22	CY7C1061G-10ZSXIT	CY7C1061G-10ZSXIKZ
23	CY7C1061G18-15ZSXI	CY7C1061G18-15ZSXIKZ
24	CY7C1061G18-15ZSXIT	CY7C1061G18-15ZSXIKZ
25	CY7C1061G30-10ZSXI	CY7C1061G30-10ZSXIKZ
26	CY7C1061G30-10ZSXIT	CY7C1061G30-10ZSXIKZ
27	CY7C1061GE-10ZSXI	CY7C1061GE-10ZSXIKZ
28	CY7C1061GE-10ZSXIT	CY7C1061GE-10ZSXIKZ
29	CY7C1061GE18-15ZSXI	CY7C1061GE18-15ZSXIKZ
30	CY7C1061GE18-15ZSXIT	CY7C1061GE18-15ZSXIKZ
31	CY7C1061GE30-10ZSXI	CY7C1061GE30-10ZSXIKZ
32	CY7C1061GE30-10ZSXIT	CY7C1061GE30-10ZSXIKZ
33	CY7C1061GN18-15ZSXI	CY7C1061GN18-15ZSXIKZ
34	CY7C1061GN18-15ZSXIT	CY7C1061GN18-15ZSXIKZ
35	CY7C1061GN30-10ZSXI	CY7C1061GN30-10ZSXIKZ
36	CY7C1061GN30-10ZSXIT	CY7C1061GN30-10ZSXIKZ
37	CY7C1069G-10ZSXI	CY7C1069G-10ZSXIKZ
38	CY7C1069G-10ZSXIT	CY7C1069G-10ZSXIKZ
39	CY7C1069G30-10ZSXI	CY7C1069G30-10ZSXIKZ
40	CY7C1069G30-10ZSXIT	CY7C1069G30-10ZSXIKZ
41	CY7C1069GE30-10ZSXI	CY7C1069GE30-10ZSXIKZ
42	CY7C1069GE30-10ZSXIT	CY7C1069GE30-10ZSXIKZ
43	CY7C1069GN30-10ZSXI	CY7C1069GE30-10ZSXIKZ
44	CY7C1069GN30-10ZSXIT	CY7C1069GE30-10ZSXIKZ
45	CY7S1061G18-15ZSXI	CY7S1061G18-15ZSXIKZ
46	CY7S1061G18-15ZSXIT	CY7S1061G18-15ZSXIKZ

47	CY7S1061G30-10ZSXI	CY7S1061G30-10ZSXIKZ
48	CY7S1061G30-10ZSXIT	CY7S1061G30-10ZSXIKZ
49	CG8131AA	CG8131ZA
50	CG8131AAT	CG8131ZA