



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

PRODUCT CHANGE NOTIFICATION

PCN: PCN162701A

Date: July 21, 2016

Subject: Addendum to PCN162701: Transfer of Assembly Site from Amkor Korea 1 to ASE Kaohsiung for 56-Lead QFN Automotive Products

To:

Description of Change:

The purpose of this addendum is to include the Last Time Buy (LTB) and Last Time Ship (LTS) dates in the 'Affected Part List' file. Please refer to the attached 'Affected Parts List' file for LTB and LTS dates.

Cypress announces the qualification of assembly manufacturing operations at the ASE Kaohsiung facility for automotive 56-lead QFN products that are currently being assembled at the Amkor Technology Korea 1 facility. This qualification is due to planned closure of the Amkor Technology Korea 1 facility.

Cypress will be discontinuing the parts manufactured in Amkor Korea 1 facility. New part numbers have been created for the parts manufactured in ASE Kaohsiung facility. Refer to the attached 'Affected Parts List' file for the list of affected part numbers, Last Time Buy (LTB) and Last Time Ship (LTS) dates.

Products assembled at ASE Kaohsiung are pin-to-pin compatible with existing product from a functional, parametric, datasheet and quality performance perspective. ASE Kaohsiung will manufacture these packages by using the following shaded bill of materials (BOMs) and Saw singulation method.

Material	Amkor Technology Korea 1	ASE Kaohsiung
Mold Compound	Sumitomo EME-G700	Sumitomo EME-G700LA
Die Attach Epoxy	Henkel 8290	Hitachi EN-4900F
Bond Wire	Au	Au
Lead Finish	NiPdAu-Ag / Pure Sn	Pure Sn
Package Singulation Method	Punch	Saw

Benefit of Change:

This qualification 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

Part Numbers Affected: 28

Affected Parts: See the attached 'Affected Parts List' file for a list of all part numbers affected by this change as well as Last Time Buy (LTB) Dates and Last Time Ship (LTS) Dates. The LTB date denotes the last day on which orders will be accepted; these orders may be scheduled for shipment through the LTS date provided. Note that any new parts that are introduced after the publication of this PCN will include all changes outlined in this PCN.

Qualification Status:

ASE Kaohsiung has been qualified through a series of tests documented in the Qualification Test Plans (QTPs) 151312 and 151313. 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.

Sample Status:

Samples of the replacement parts are available. Please contact your local sales representative to place sample orders.

Approximate Implementation Date:

This change will be effective upon customer approval.

Anticipated Impact:

Products manufactured at ASE Kaohsiung site 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:

The standard replacement part numbers will include an 'LT' in place of the 'LF' in the existing part numbers. 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	Last Time Buy Date (LTB)	Last Time Ship Date (LTS)	Replacement Part Number (ASE Kaohsiung)	Sample Order Part Number
1	CY7C65620-56LFXA	5-Apr-17	1-Jan-18	CY7C65620-56LTXA	CY7C65620-56LTXA
2	CY7C65620-56LFXAT	5-Apr-17	1-Jan-18	CY7C65620-56LTXAT	CY7C65620-56LTXAT
3	CY7C65630-56LFXA	5-Apr-17	1-Jan-18	CY7C65630-56LTXA	CY7C65630-56LTXA
4	CY7C65630-56LFXAT	5-Apr-17	1-Jan-18	CY7C65630-56LTXAT	CY7C65630-56LTXAT
5	CY8C24894-24LFXA	5-Apr-17	1-Jan-18	CY8C24894-24LTXA	CY8C24894-24LTXA
6	CY8C24894-24LFXAT	5-Apr-17	1-Jan-18	CY8C24894-24LTXAT	CY8C24894-24LTXAT
7	CY8CTMA120-56LFXA	5-Apr-17	1-Jan-18	CY8CTMA120-56LTXA	CY8CTMA120-56LTXA
8	CY8CTMA120-56LFXAT	5-Apr-17	1-Jan-18	CY8CTMA120-56LTXAT	CY8CTMA120-56LTXAT
9	CY8CTMG120-56LFXA	5-Apr-17	1-Jan-18	CY8CTMG120-56LTXA	CY8CTMG120-56LTXA
10	CY8CTMG120-56LFXAT	5-Apr-17	1-Jan-18	CY8CTMG120-56LTXAT	CY8CTMG120-56LTXAT
11	CG7806AA	5-Apr-17	1-Jan-18	CG7806BA	CG7806BA
12	CG7806AAT	5-Apr-17	1-Jan-18	CG7806BAT	CG7806BAT
13	CG8002AA	5-Apr-17	1-Jan-18	CG8002BA	CG8002BA
14	CG8002AAT	5-Apr-17	1-Jan-18	CG8002BAT	CG8002BAT
15	CP7487AT	5-Apr-17	1-Jan-18	CP7487BT	CP7487BT
16	CP7487ATT	5-Apr-17	1-Jan-18	CP7487BTT	CP7487BTT
17	CP7488AT	5-Apr-17	1-Jan-18	CP7488BT	CP7488BT
18	CP7488ATT	5-Apr-17	1-Jan-18	CP7488BTT	CP7488BTT
19	CP7709BT	5-Apr-17	1-Jan-18	CP7709ET	CP7709ET
20	CP7709BTT	5-Apr-17	1-Jan-18	CP7709ETT	CP7709ETT
21	CP7709CT	5-Apr-17	1-Jan-18	CP7709FT	CP7709FT
22	CP7709CTT	5-Apr-17	1-Jan-18	CP7709FTT	CP7709FTT
23	CP7709DT	5-Apr-17	1-Jan-18	CP7709GT	CP7709GT
24	CP7709DTT	5-Apr-17	1-Jan-18	CP7709GTT	CP7709GTT
25	CP7914AT	5-Apr-17	1-Jan-18	CP7914BT	CP7914BT
26	CP7914ATT	5-Apr-17	1-Jan-18	CP7914BTT	CP7914BTT
27	CP7915AT	5-Apr-17	1-Jan-18	CP7915BT	CP7915BT
28	CP7915ATT	5-Apr-17	1-Jan-18	CP7915BTT	CP7915BTT