



Cypress Semiconductor Corporation – An Infineon Technologies Company  
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## PRODUCT CHANGE NOTIFICATION

**PCN:** PCN204201A

**Date:** November 08, 2020

**Subject:** Addendum to PCN204201 - Qualification of Cypress Philippines as an Alternate Assembly Site for select 44-Lead TSOP II Package

**To:**

**Change Type:** Major

**Description of Change:**

The purpose of this addendum is to remove parts to the affected parts list. Removed part numbers in the addendum are expressed as 'Removed in PCN204201A' in 'Remark' of the affected parts list.

Cypress announced the qualification of Cypress Manufacturing Limited, Philippines located at Gateway Business Park, Barangay Javalera, General Trias, Cavite Philippines, 4107, as an alternate assembly site for select 44-Lead TSOP II PB-Fee package.

These products are currently processed at Jiangsu Changjiang Electronics Technology Co., Ltd (JCET), Cypress' subcontractor in China. The transfer of assembly operations to Cypress Manufacturing Limited is motivated by JCET's phasing out (i.e., End-Of-Life) of TSOP manufacturing operations.

Given the imminent phase out of operations at JCET, and the dynamically changing market conditions, Cypress is pleased to offer supply of same material (i.e., Cypress Manufacturing Limited assembled product) ahead of the implementation date. Customers are strongly encouraged to avail of this option, where production volumes of Cypress Manufacturing Limited assembled product can be secured and shipped against current orders. Please contact your Cypress Sales Representative for more information on availing this option.

The 44-Lead TSOP II PB-Free package is assembled at Cypress Manufacturing Limited using the same Bill of Materials (BOM):

Material	Cypress Philippines Bill of Materials	JCET China Bill of Materials
Mold Compound	KE-G6000DA - Kyocera	KE-G6000DA - Kyocera
Leadframe/Substrate	Cu Alloy Leadframe	Cu Alloy Leadframe
Die Attach Material	QMI-509 - Henkel	QMI-509 - Henkel
Bond Wire	0.8 mil Au wire	0.8 mil Au wire

**Benefit of Change:**

Qualification of alternative manufacturing sites provides the means for Cypress to ensure business continuity on the stated products, and thereby meet long-term market demand and delivery commitments to customers after the phase out of operations at JCET.

**Part Numbers Affected: 30**

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 be assembled at Cypress Manufacturing Limited.

**Qualification Status:**

Cypress Manufacturing Limited has been qualified through a series of tests documented in the Qualification Test Plan QTP# 201801. 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 Manufacturing Limited 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 immediately upon customer approval, or 90 days from the date of this notification, whichever comes first, all shipments of Automotive non-PPAP part numbers in the attached file will be primarily sourced from Cypress Manufacturing Limited. Customers should expect to receive JCET assembled product for a transitional period, until inventory is depleted.

For Automotive PPAP part numbers, this change will be effective upon customer approval.

**Anticipated Impact:**

Products assembled at the Cypress Manufacturing Limited are completely compatible with existing products from form, fit, functional, parametric and quality performance perspectives.

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	Family	Sample Order Part Number	Sample Availability	Remarks
1	8909007818	ASYNC	8909007818KO	Subject to lead time	
2	8909007818X	ASYNC	8909007818KO	Subject to lead time	
3	A2C02770900	ASYNC	A2C02770900KO	Subject to lead time	
4	C3BBKY000108	ASYNC	C3BBKY000108KO	Subject to lead time	
5	C3BBKY000108X	ASYNC	C3BBKY000108KO	Subject to lead time	
6	CG8988AA	ASYNC	CG8988AAKO	Subject to lead time	
7	CG8988AAT	ASYNC	CG8988AAKO	Subject to lead time	
8	CS8800AAT	ASYNC	CS8800AATKO	Subject to lead time	
9	CY62146G-45ZSXA	ASYNC	CY62146G-45ZSXAKO	Subject to lead time	
10	CY62146G-45ZSXAT	ASYNC	CY62146G-45ZSXAKO	Subject to lead time	
11	CY62146G30-45ZSXA	ASYNC	CY62146G30-45ZSXAKO	Subject to lead time	
12	CY62146G30-45ZSXAT	ASYNC	CY62146G30-45ZSXAKO	Subject to lead time	
13	CY621472G30-45ZSXA	ASYNC	CY621472G30-45ZSXAKO	Subject to lead time	
14	CY621472G30-45ZSXAT	ASYNC	CY621472G30-45ZSXAKO	Subject to lead time	
15	CY62147G30-45BVXA	ASYNC	CY62147G30-45BVXAKO	Subject to lead time	Removed in PCN204201A
16	CY62147G30-45BVXAT	ASYNC	CY62147G30-45BVXAKO	Subject to lead time	Removed in PCN204201A
17	CY62147G30-45ZSXA	ASYNC	CY62147G30-45ZSXAKO	Available	
18	CY62147G30-45ZSXAT	ASYNC	CY62147G30-45ZSXAKO	Available	
19	CY62147G30-55BVXE	ASYNC	CY62147G30-55BVXEKO	Subject to lead time	Removed in PCN204201A
20	CY62147G30-55BVXET	ASYNC	CY62147G30-55BVXEKO	Subject to lead time	Removed in PCN204201A
21	CY62147G30-55ZSXE	ASYNC	CY62147G30-55ZSXEKO	Subject to lead time	
22	CY62147G30-55ZSXET	ASYNC	CY62147G30-55ZSXEKO	Subject to lead time	
23	CY7C1011G30-10BAJXE	ASYNC	CY7C1011G30-10BAJXEKO	Subject to lead time	Removed in PCN204201A
24	CY7C1011G30-10BAJXET	ASYNC	CY7C1011G30-10BAJXEKO	Subject to lead time	Removed in PCN204201A
25	CY7C1011G30-10ZSXA	ASYNC	CY7C1011G30-10ZSXAKO	Subject to lead time	
26	CY7C1011G30-10ZSXAT	ASYNC	CY7C1011G30-10ZSXAKO	Subject to lead time	
27	CY7C1011G30-12ZSXE	ASYNC	CY7C1011G30-12ZSXEKO	Subject to lead time	
28	CY7C1011G30-12ZSXET	ASYNC	CY7C1011G30-12ZSXEKO	Subject to lead time	
29	CY7C1041G30-10BAJXE	ASYNC	CY7C1041G30-10BAJXEKO	Subject to lead time	Removed in PCN204201A
30	CY7C1041G30-10BAJXET	ASYNC	CY7C1041G30-10BAJXEKO	Subject to lead time	Removed in PCN204201A
31	CY7C1041G30-10ZSXA	ASYNC	CY7C1041G30-10ZSXAKO	Subject to lead time	
32	CY7C1041G30-10ZSXAT	ASYNC	CY7C1041G30-10ZSXAKO	Subject to lead time	
33	CY7C1041G30-10ZSXE	ASYNC	CY7C1041G30-10ZSXEKO	Subject to lead time	
34	CY7C1041G30-10ZSXET	ASYNC	CY7C1041G30-10ZSXEKO	Subject to lead time	
35	H00.018-36	ASYNC	H00.018-36KO	Subject to lead time	Removed in PCN204201A
36	H00.018-36X	ASYNC	H00.018-36KO	Subject to lead time	Removed in PCN204201A
37	P770046D-FJ0000	ASYNC	P770046D-FJ0000KO	Subject to lead time	
38	P770046D-FJ0000X	ASYNC	P770046D-FJ0000KO	Subject to lead time	
39	P770046DFJ0000	ASYNC	P770046DFJ0000KO	Subject to lead time	
40	P770046DFJ0000X	ASYNC	P770046DFJ0000KO	Subject to lead time	