



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

PRODUCT CHANGE NOTIFICATION

PCN: PCN182502

Date: June 18, 2018

Subject: Qualification of Amkor Technology Philippines (ATP) as an Additional Assembly Site for Select 20-Pin SOIC (300 mils) Pb-Free Products

To:

Change Type: Major

Description of Change:

Cypress announces the qualification of Amkor Technology Philippines (ATP) as an additional assembly site for select 20-Pin Small Outline Integrated Circuit (SOIC), 300 mils body, Pb-Free products. These products are ROHS and REACH compliant.

The 20-Pin SOIC, 300 mils body, Pb-Free packages are assembled at ATP using the following Bill of Materials:

Material	ATP Bill of Materials	JCET Bill of Materials
Mold Compound	Sumitomo G600	Kyocera KE-G6000DA
Leadframe finish	Pure Sn	NiPdAu
Die Attach Epoxy	Henkel-Ablestik 8290	Henkel-Ablestik QMI-509
Bond Wire	0.8 mil Au wire	0.9 mil Au wire

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.

Part Numbers Affected: 4

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:

This package has been qualified through a series of tests documented in the Qualification Test Plan QTP#180412. This qualification report can be found as an attachment to this PCN or by visiting 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 ATP 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 90 days from the date of this notification, all shipments of the affected part numbers in the attached file will be assembled at ATP or other approved assembly sites.

Anticipated Impact:

Products assembled at the new site 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.

Sincerely,

Cypress PCN Administration

Item	Marketing Part Number	Sample Order Part Number
1	CY8C24223A-24SXI	CY8C24223A-24SXIKP
2	CY8C24223A-24SXIT	CY8C24223A-24SXIKP
3	CY8C27243-24SXI	CY8C27243-24SXIKP
4	CY8C27243-24SXIT	CY8C27243-24SXIKP