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PRODUCT CHANGE NOTIFICATION

PCN: PCN135259

Date: December 13, 2013

Subject: Qualification of ASE-Kaohsiung, Taiwan as an additional Assembly Site for select 209BGA Package Programmable FIFO devices

To: PCN ADMIN
CYPRESS
pcn_adm@cypress.com

Change Type: Major

Description of Change:

Cypress announces the qualification of assembly manufacturing operations at Advanced Semiconductor Engineering (ASE) in Kaohsiung, Taiwan for 209BGA package Programmable FIFO devices that are currently being assembled at Amkor Korea.

209 BGA package for Programmable FIFO are assembled at ASE-KH using the following set of materials:

Material	ASE-KH Set of Material	Amkor, Korea Set of Material
Mold Compound :	KE-G2250	GE-100LFCS
Substrate	8-Layer BT	8-Layer BT
Die Attach Epoxy	ATB-125	FH9011T-20
Bond Wire	Au- 1mil	Au – 0.8mil

ASE is the world's largest provider of independent semiconductor manufacturing services in assembly and test. Their assembly and test facilities in Kaohsiung, Taiwan are already a qualified site for Cypress products. This qualification will enable these products to be assembled, tested, and finish processed in one subcontractor facility. This qualification will allow Cypress to leverage ASE's manufacturing expertise and quality focus.

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: 6

Affected Parts: Refer to attached part list.

Qualification Status:

ASE-KH has been qualified through a series of tests documented in the Qualification Test Plan

(QTP) reports number 123301. Qualification reports can be found as attachments to this notification or by visiting www.cypress.com, typing the QTP number in the search window and clicking on the magnifying glass icon.

Sample Status:

Qualification samples are not built ahead of time for all part numbers affected by this change. Please review the attached 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 listed above will be assembled at ASE-KH, Taiwan or other approved assembly sites.

Anticipated Impact:

Products assembled at ASE-KH, Taiwan are completely compatible with existing product from a functional, parametric, and quality performance perspective.

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:

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 Ordering Part Number
1	CYF0072V18L-133BGXI	CYF0072V18L-133BGXIKG
2	CYF0072V33L-133BGXI	CYF0072V33L-133BGXIKG
3	CYF0018V18L-133BGXI	CYF0018V18L-133BGXIKG
4	CYF0018V33L-133BGXI	CYF0018V33L-133BGXIKG
5	CYF0036V33L-133BGXI	CYF0036V33L-133BGXIKG
6	CYF2072V33L-100BGXI	CYF2072V33L-100BGXIKG

Sample Status
Available
Available
Available to order; subject to lead time
Available to order; subject to lead time
Available to order; subject to lead time
Available to order; subject to lead time