

198 Champion Court San Jose, CA 95134-1709 (408) 943-6200

FINAL PRODUCT CHANGE NOTIFICATION**PCN:** PCN084698**Date:** August 13, 2008**Subject:** Qualification of Grace Semiconductor as an alternate wafer fabrication site for PSoC CY8C21x23 product family on SONOS4 technology.**To:** REBECCA LINDNER
MSC
rlin@msc-ge.com**Description of Change:**

Cypress announces the qualification of an alternate wafer fabrication site, Grace Semiconductor Manufacturing Corporation (GSMC), for the PSoC product family CY8C21x23.

This product family will run on SONOS4 process technology, which has been previously qualified at GSMC to support production quantities. The SONOS4 technology is also qualified at Cypress's in-house wafer manufacturing facility, Cypress Semiconductor Minnesota (CMI).

Effective 90 days from the date of this notification, shipments may become sourced from either qualified manufacturing site, i.e., CMI and GSMC.

Benefit of Change:

Cypress will have the added capability to meet varying market demand, and to ensure consistent and reliable delivery performance to customers.

Affected Part Numbers: 17**Affected Parts:**

Item No	Affected Part Number	Sample Part Number
1	CG6457AM	CG6457CM
2	CG6457AMT	CG6457CMT
3	CG6462AM	CG6462CM
4	CG6462AMT	CG6462CMT
5	CP6789AM	CG6981AM
6	CP6789AMT	CG6981AMT
7	CY8C21123-24SXI	CG6981AM
8	CY8C21123-24SXIT	CG6981AMT
9	CY8C21223-24SXI	CG6983AM
10	CY8C21223-24SXIT	CG6983AMT
11	CY8C21323-24LFXI	CG6984AM
12	CY8C21323-24LFXIT	CG6984AMT
13	CY8C21323-24PVXI	CG6949AM
14	CY8C21323-24PVXIT	CG6949AMT
15	CY8C2100014-12X14I	CY8C21000145-12X14I

16	CY8C2100014-24X14I	CY8C21000145-24X14I
17	CY8C210001-12X14I	CY8C2100015-12X14I

Qualification Status:

This change has been qualified through a series of tests identified in the Qualification Test Plan (QTP) report# 084629 for the CY8C21x23 device family. The QTP report can be found in the attachment to this notification or by visiting www.cypress.com, typing the QTP number in the search window, and clicking on the magnifying glass symbol.

Sample status:

Samples are not built ahead of time for all the part numbers affected. Please contact your sales representative as soon as possible, and no later than 30 days from this notification, to place any sample requests referring to the Samples Part Number given in the table.

Approximate Implementation Date:

This change will be effective 90 days from the date of this notification.

Anticipated Impact:

None. Product manufactured using die fabricated at GSMC is completely compatible with existing product from functional, parametric, and quality performance perspectives.

Method of Identification:

Cypress maintains traceability of product to wafer level, including wafer fab location, through the lot number marked on the package.

Response Required:

Please acknowledge receipt of this PCN, and submit any sample or additional information requests, within 30 days of this notification. Lack of acknowledgement will constitute acceptance of this change, which will be implemented 90 days from this notification.

For additional information regarding this change, contact your local sales representative or email to pcn_adm@cypress.com.

Sincerely,
Cypress PCN Administration