



PRODUCT CHANGE NOTIFICATION

Date: June 1, 1998

Subject: Metal 1 Mask Change

PCN: 980017

To:

E-Mail address:

Category:

Level:

CYPRESS part numbers affected:

CY7C109, CY7C1009, CY7C106, CY7C1006
32 SOJ Package "V" and 32 LEAD TSOP "Z" Package

Customer part numbers affected:

Description of change:

The metal 1 mask layer has been revised to extend the geometries of the bond pads to 1 micron beyond the metal 2 pad edge and to incorporate a design rule change to add metal slots in the first metal layer outside and along the active bond area of the pads, under the passivation layer. This will protect the die integrity and reduce strain to eliminate the possibility of die cracking during reliability testing. This PCN applies to CY7C109, CY7C1009, CY7C106, CY7C1006 using the Ram 2.8 process, die rev F only. There is no revision to the current data sheet as a result of this change.

Regina Morgan
Business Process Manager

*In order to meet your requirements; please notify Regina Morgan of any changes in contact names or addresses.
Phone 408 456-1802 Fax 408 943-2741 Email rnm@cypress.com*



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Benefit of change:

Improve temperature cycling performance therefore improving product reliability and providing longer field life of the product.

Qualification status: Complete
Qualification report: 98071 Attached

Approximate
Implementation Date: Immediate

VP Quality & Reliability

VP Marketing & Sales

If the cover letter indicates that your company is designated as "Category A or Category C" and there are current orders pending, this form must be signed and returned as soon as possible.

If acceptance is not received, delays in shipment may occur.

Category 'C' customers'

If No response is received within 90 days change will be incorporated.

Category 'A' or Category 'C' customer:

Change accepted by: _____ **Note:** If Change Is Not Applicable To Your Facility Enter N/A

Print Name: _____ Company: _____

Title: _____ Date: _____

For any additional information regarding this change, contact your local sales representative.