

# CYPRESS SEMICONDUCTOR

## PRODUCT CHANGE NOTIFICATION

**PCN:** PCN000049

**DATE:** October 30, 2000

**Subject:** Revision to PCN990013, CPLD, PGA Package Addition.

**To:**

### **Customer Category:**

### **Description of change:**

Cypress previously has qualified a new ceramic window package lid for the 84-pin (CY7C341) and 100-pin (CY7C346) ceramic PGA and is extending this qualification to the 68-pin (CY7C342B). On the 100-pin PGA the quartz window diameter changes from: .393" typical to: .375" min., .405" max. On the 84-pin PGA the quartz window diameter changes from: .390" typical to: .375" min., .405" max. On the 68-pin PGA the quartz window diameter changes from: .350" typical to: .375" min., .405" max.. The package height remain the same for all packages. The Cypress data sheets will be updated to reflect these changes. Revised Qualification report QTP 98369 Version 1.1 is attached.

None of the above changes effect the DSCC Standard Microcircuit Drawings (SMD) as the military package specification MIL-STD-1835 does not specify the window dimensions.

### **Cypress part numbers affected:**

CY7C341\*R\*, CY7C342B-R\*, CY7C346\*R\*, all speeds, commercial, industrial and military temperature ranges, ceramic PGA, packages (package code 'R').

### **Customer part numbers affected:**

### **Benefit of the change:**

This change will improve product quality and reliability.

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Subject: Revision to PCN990013, CPLD, PGA Package Addition.

**Qualification status:**

Complete. Qualification Report # 98369 Version 1.1 is attached

**Sample status:**

**Approximate Implementation Date:**

Production release of new material is immediate or as agreed to per contract terms and conditions.

**Response Required:**

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 the 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: \_\_\_\_\_

PCN Sent to: \_\_\_\_\_ Company: \_\_\_\_\_

*Fax signed approval to Amanda Valle-Diaz at 408-943-2165 or reply by E-mail to  
pcn\_adm@cypress.com  
For any additional information regarding this change, contact your local sales representative.*

Sincerely,

Michael Burke  
Director of Quality