



3545 North First Street • San Jose, CA 95134 • USA

PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN Number: **04-17**

Date Issued: **October 15, 2004**

Product(s) Affected: **PI74ST1G08, 74ST1G86, 74ST1G125, 74ST1G126**

Manufacturing Location Affected: **Moving these CSMS Fab 1 products to already approved CSMS Fab 2.**

Date Effective: **January 15, 2005.**

All remaining Fab 1 inventory will ship until depleted.

Means of Distinguishing Changed Devices:

Product Mark:

Back Mark

Date Code: **Added dot symbol ***

Other

*** SOT/SC70 packages will have a dot symbol by the last two-digit date code characters, due to insufficient space for the usual "B" in front of the datecode to denote Fab 2**

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Attachment: Yes; No

See attached Characterization Comparison Data Report on a representative product. Data confirms CSM-S Fab 2 devices have no significant performance differences than those produced in Fab 1.

Samples: **Available upon request**

Description and Purpose of Change:

Products are transferring from approved wafer fab subcontractor Chartered Semiconductor Manufacturing Singapore's (CSMS) Fab 1, to the already approved Fab 2 facility. The listed devices use the same base array die, design and process, and will be manufactured in Fab 2 with essentially the same qualified CMOS 0.5- μ m process type as used in Fab 1. CSM closed their older 150-mm wafer Fab 1 facility at the end of March 2004. Fab 2 will manufacture these Pericom products using 200-mm wafers. See CSMS website for more information:

<http://www.charteredsemi.com/media/corp/2003n/20030213.asp>

Die Technology

Wafer Fabrication

Assembly Process

Equipment

Material

Testing

Manufacturing Site

Data Sheet

Other: **CSMS Fab 1 closure, porting to Fab 2**

Reliability/Qualification Summary: http://www.pericom.com/pdf/gen/rel_CSM2.pdf (these devices use the same process and design rules)

Customer Acknowledgement of Receipt:

Customer: _____

Name: _____

Title: _____

Date: _____

E-Mail: _____

Phone: _____

Fax: _____

Approval for shipments prior to effective date

Customer Comments (Optional): _____