

PRODUCT / PROCESS CHANGE NOTICE (PCN)

PCN Number: **16-12**

Date Issued: **June 2, 2016**

Product(s) Affected: **See Attachment**

Date Effective: **September 9, 2016**

Means of Distinguishing Changed Devices:

- Product Mark
- Back Mark
- Date Code
- Other: Labeling/Shipping Documents

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Attachment: Yes; No
 - Affected Part Number List

Description and Purpose of Change:

Pericom Semiconductor was acquired by Diodes Incorporated on November 2015.

In order to assure continuity of supply, Diodes has completed, or is in the process of completing, qualification of the following Diodes internal assembly and test sites:

- Diodes Technology (Chengdu) Company Limited (CAT) located in Chengdu, China
- Diodes SKE/DSH (Shanghai Kaihong Electronic Co./Diodes Inc. Shanghai) (SAT) located in Shanghai, China.

This action has been taken to increase manufacturing capacity for products assembled in packages listed below.

SAT		CAT	
Qualified	In Progress	Qualified	In Progress
MSOP-10	EP-MSOP-8	EP-MSOP-8	SC70-3
MSOP-8	QSOP-16	MSOP-10	SOIC-14
SOIC-8	QSOP-20	MSOP-8	SOIC-16
SOIC-14	SC70-3	SC70-5	SOT143-4
SOIC-16	SC70-5	SC70-6	SOT23-3
TSSOP-14	SC70-6	SOIC-8	SOT23-5
TSSOP-16	SOT143-4	SOT23-3	SOT23-6
UQFN-10	SOT23-3		
	SOT23-5		
	SOT23-6		
	TSSOP-8		

- Die Technology
- Wafer Fabrication
- Assembly Process
- Equipment
- Material
- Testing Site
- Manufacturing Site
- Data Sheet
- Other

For format of labels on reels and shipping boxes as well as assembly lot numbering rules will be aligned with the Diodes format.

The latest certifications for ISO9001:2008, TS16949:2009, and ISO14001:2004 can be found at:

- <http://www.diodes.com/shanghai.html>
- http://www.diodes.com/diodes_chengdu_iso_certificate.html

With the addition of SAT and CAT manufacturing facilities as an approved source for the package families listed above, Diodes is now better able to meet customer demand for our products by building and shipping from our own factories.

For customer reference, attached is a list of 'Pericom' part numbers using the above package types that could potentially be chosen for assembly and test at SAT and CAT and their current qualification status. If customers require samples for evaluation, please request ASAP from your Diodes Sales contact as some of the affected devices were not built ahead of this PCN.

At the end of 90 day notice or customer approval for shipments prior to effective date, customer should expect to receive products assembled and tested from either SAT and/or CAT (where applicable).

NOTE: The distinguishing means of identifying changes above are:

a) New assembly locations will be identified by assembly code on the date code through shipping labels and/or shipping documents.

b) Where applicable, the assembly code may also be marked on the actual unit.

Datecode for SAT location = Z1603SG

Datecode for CAT location = BZ1604TG

For identification on specific part number, please contact your Diodes Sales representative.

Customer Acknowledgement of Receipt:

Customer: _____

Date: _____

Name: _____

eMail: _____

Title: _____

Phone: _____

Approval for shipments prior to effective date

Customer Comments (Optional): _____

Diodes Internal Use Only:

Location: PSC

PTI

PSE-TW

PSE-SD

PSETW PCN: N/A