



Integrated Device Technology, Inc.
6024 Silver Creek Valley Road, San Jose, CA 95138

PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: **N1302-01** DATE: **February 26, 2013**
 Product Affected: 8V89308ANLGI
 8V89308ANLGI8

 Date Effective: **May 26, 2013**

MEANS OF DISTINGUISHING CHANGED DEVICES:
 Product Mark Current A version is marked with a
 Back Mark YA on the date code line of the top
 Date Code mark and will be changed to YB for
 Other this die revision.

Contact: TSD Clock Team Attachment: Yes No
 E-mail: clocks@idt.com

 Samples: Available Now

DESCRIPTION AND PURPOSE OF CHANGE:

- Die Technology This notification is to advise our customers that IDT has made a minor metal layer die change to improve the crystal oscillator start-up. IDT will be discontinuing the Rev A devices and is asking customers to qualify the Rev B devices and switch to this revision. Rev B has the same electrical performance and datasheet as Rev A.
- Wafer Fabrication Process
- Assembly Process
- Equipment
- Material
- Testing There is no change to the orderable part number.
- Manufacturing Site The production shipments will be made from Rev B after the PCN effective date.
- Data Sheet
- Other - Die revision

RELIABILITY/QUALIFICATION SUMMARY:

There is no expected change to the product quality or reliability performance.

CUSTOMER ACKNOWLEDGMENT OF RECEIPT:

IDT records indicate that you require written notification of this change. Please use the acknowledgement below or E-Mail to grant approval or request additional information. If IDT does not receive acknowledgement within 30 days of this notice it will be assumed that this change is acceptable.
 IDT reserves the right to ship either version manufactured after the process change effective date until the inventory on the earlier version has been depleted.

Customer: _____ *Approval for shipments prior to effective date.*
 Name/Date: _____ E-Mail Address: _____
 Title: _____ Phone # /Fax #: _____

CUSTOMER COMMENTS: _____

IDT ACKNOWLEDGMENT OF RECEIPT:

RECD. BY: _____ DATE: _____



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ATTACHMENT I - PCN #: N1302-01

PCN Type: Die Revision Change

Data Sheet Change: NA

Detail of Change:

A potential issue with the crystal oscillator circuit was identified which could cause start-up problems in extreme conditions. The crystal oscillator was improved with a minor metal layer die change and verified over both temperature and voltage.

IDT will be discontinuing the Rev A devices and is asking customers to qualify the Rev B devices and switch to this revision. Rev B has the same electrical performance and datasheet as Rev A.

There is no change in die technology, process or part number.

Samples of the B rev are available for customer evaluation upon request.