



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

PRODUCT/PROCESS CHANGE NOTICE (PCN)

| | |
|--|---|
| PCN #: N1711-01 Date: December 18, 2017 Product Affected: 8SLVD1212NLGI 8SLVD1212NLGI8 8SLVD1212NLGI/W Date Effective: March 18, 2018 | MEANS OF DISTINGUISHING CHANGED DEVICES: <input checked="" type="checkbox"/> Product Mark Change in ordering part# <input type="checkbox"/> Back Mark <input type="checkbox"/> Date Code <input type="checkbox"/> Other |
|--|---|

| | |
|--|---|
| Contact: IDT MPG/TPD Operation | Attachment: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| E-mail: clocks@idt.com | Samples: Samples are available now. |

DESCRIPTION AND PURPOSE OF CHANGE:

- | | |
|---|---|
| <input type="checkbox"/> Die Technology <input type="checkbox"/> Wafer Fabrication Process <input type="checkbox"/> Assembly Process <input type="checkbox"/> Equipment <input type="checkbox"/> Material <input type="checkbox"/> Testing <input type="checkbox"/> Manufacturing Site <input checked="" type="checkbox"/> Data Sheet <input checked="" type="checkbox"/> Other - Design Change | <p>This notice is to advise customers that IDT has made a minor circuit change to optimize additive phase noise performance over all specified process, temperature and supply voltage conditions.</p> <p>There is no change to the die/package technology or manufacturing.</p> <p>The orderable part numbers will be changed. IDT request customers to switch to the new part numbers as the current part numbers will be discontinued as of the effective date on this PCN notice.</p> |
|---|---|

RELIABILITY/QUALIFICATION SUMMARY:

There is no change in die technology/process.

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: _____ | <input type="checkbox"/> <i>Approval for shipments prior to effective date.</i> |
| Name/Date: _____ | E-Mail Address: _____ |
| Title: _____ | Phone # /Fax #: _____ |

CUSTOMER COMMENTS: _____

IDT ACKNOWLEDGMENT OF RECEIPT:

RECD. BY: _____ DATE: _____



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ATTACHMENT 1 - PCN #: N1711-01

PCN Type: Design change

Data Sheet Change: New datasheet for new orderable part numbers

Detail of Change: This notice is to advise customers that IDT has made a minor circuit change to optimize additive phase noise performance over all specified process, temperature and supply voltage conditions.

There is no change to the die/package technology or manufacturing.

The orderable part numbers will be changed as shown in Table 1. IDT request customers to switch to the new part numbers as the current part numbers will be discontinued as of the effective date on this PCN notice.

Table 1: Changes in Orderable Part#

| Old Ordering Part Number | New Ordering Part Number |
|--------------------------|--------------------------|
| 8SLVD1212NLGI | 8SLVD1212ANLGI |
| 8SLVD1212NLGI8 | 8SLVD1212ANLGI8 |
| 8SLVD1212NLGI/W | 8SLVD1212ANLGI/W |

Qualification Test Plan and Result:

Qual Vehicle: 8SLVD1212ANLGI
Qual Plan: Q17-11-004

| Test Description | Test Method (Latest specs in effect) | Test Results (SS / Rej) |
|-----------------------------------|--------------------------------------|-------------------------|
| ESD: Human Body Model @ 2500V | JS-001 | 3/0 |
| ESD: Charged Device Model @ 1500V | JESD22-C101 | 3/0 |
| Latch-up | JESD78 | 6/0 |