



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	MEANS OF DISTINGUISHING CHANGED DEVICES:
Product Affected: 8SLVD1212NLGI		☒ Product Mark Change in ordering part#
8SLVD1212NLGI8		☐ Back Mark
8SLVD1212NLGI/W		☐ Date Code
Date Effective: March 18, 2018		☐ Other
Contact: IDT MPG/TPD Operation	Attachment:	☒ Yes ☐ No
E-mail: clocks@idt.com	Samples:	Samples are available now.

DESCRIPTION AND PURPOSE OF CHANGE:

- | | |
|---|---|
| ☐ Die Technology | 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. |
| ☐ Wafer Fabrication Process | |
| ☐ Assembly Process | There is no change to the die/package technology or manufacturing. |
| ☐ Equipment | |
| ☐ Material | 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. |
| ☐ Testing | |
| ☐ Manufacturing Site | |
| ☒ Data Sheet | |
| ☒ Other - Design Change | |

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: _____	☐ 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 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