IDT

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

PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: **WP1706-01**   DATE: July 10, 2017

Product Affected: P9242-RNDGI,
                       P9242-RNDGI8

Date Effective: October 10, 2017

MEANS OF DISTINGUISHING CHANGED DEVICES:

☐ Product Mark
■ Back Mark | Traceable by Assembly lot# |
☐ Date Code
☐ Other

Contact: IDT PCN DESK

E-mail: pcndesk@idt.com

Attachment: ☐ Yes   ■ No

Samples: Please contact your local sales representative for sample request.

DESCRIPTION AND PURPOSE OF CHANGE:

☐ Die Technology
☐ Wafer Fabrication Process
☐ Assembly Process
☐ Equipment
☐ Material
☐ Testing
☐ Manufacturing Site
☐ Data Sheet
■ Other - Firmware change

This notification is to advise our customers of a firmware optimization by adding the followings:

1. Improved Frequency Shift Key (FSK) for lighter load applications.
2. Enhanced Foreign Object Detection (FOD) including:
a. Upgraded FOD functionality to allow for external FOD setting, in addition to the existing programmability via firmware, providing customers with flexibility to utilize this feature.
b. Improved the Extended Power Profile (EPP) and Baseline Power Profile (BPP) FOD threshold to support a broader range of customer applications and to avoid pre-mature triggering of the FOD.
3. Expanded programmable current limit range for 15W applications. The original range included 500mA, 1A and 1.5A. The new range is 1.5A, 2A, and 2.5A to allow more X-Y forgiveness (lower efficiency) and lower grade coils.

There is no change to thermal and MSL specification .

This is no change to the die technology or process.

Upon expiration of this PCN, material with the prior firmware will no longer be available. If you would like to purchase the prior firmware material, a last time buy should be placed with a requested delivery date prior to this PCN expiration. Please communicate this need to your local sales office so that it can be ordered with specific instructions for the prior firmware.

RELIABILITY/QUALIFICATION SUMMARY:

There is no change in die technology/process/datasheet.

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: _____