



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

## PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: **TB1902-01**      Date: February 8, 2019  
 Product Affected: F2932NBGP  
                           F2932NBGP8  
 Date Effective: March 8, 2019

MEANS OF DISTINGUISHING CHANGED DEVICES:  
 Product Mark      Traceability to the test location is  
 Back Mark        maintained by IDT and available on  
 Date Code         request  
 Other

Contact: IDT PCN DESK

Attachment:       Yes       No

E-mail: [pcndesk@idt.com](mailto:pcndesk@idt.com)

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 - Die Revision Change

This notification is to advise our customers that IDT is adding Sigurd, Taiwan as an alternate Test site for the products listed on this notice. These parts are currently tested at the IDT Penang, Malaysia facility.  
  
 Refer to pages 2 for the change details.

**RELIABILITY/QUALIFICATION SUMMARY:**

There is no expected change to the product quality or reliability performance. Please refer to page 2 for Electrical correlation data.

**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: \_\_\_\_\_



## PRODUCT/PROCESS CHANGE NOTICE (PCN)

### PCN# TB1902-01

**PCN Type:** Manufacturing Site - Alternate Test Location

**Data Sheet Change:** None

**Detail of Change:** Add Sigurd, Taiwan as an alternate Test site for the products listed on this notice. These parts are currently tested at the IDT Penang, Malaysia facility.

This change will allow IDT the flexibility to ship from either facility and will provide for the increase in capacity, flexibility and shorter lead time to meet market demand.

There is no change in the test flow or test coverage. Load boards are the same at both qualified facilities. IDT has completed the electrical test correlation and based on the test results we do not anticipate any impact on device performance. The testing is fully compatible and transferrable between the test facilities.

#### Electrical Test Correlation Results

Vehicle: F2932NBGP

Description	Existing Test (IDT Penang )	Alternate Test (Sigurd, Taiwan)
Tester Platform	J750	Ultraflex
Loadboard	F2932 J750 NGB16	F2932 LB1
Test Program	F2932_FT_125C.xls	F2932_UFlex_rev01.xls
Test Site	Penang	Sigurd
Test Temperature	125C	125C
Test Correlation Results between Sites	100%	100%
1. Good Units for Correlation	1000	1000
2. Good units, serialized with Datalog	10	10
3. Reject units, serialized with Datalog	5	5