



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

## PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: <b>TB1908-01</b>		DATE: <b>8-Aug-2019</b>	MEANS OF DISTINGUISHING CHANGED DEVICES:	
Product Affected: F0452 F0453 (Refer attachment II for the affected part#)			<input type="checkbox"/> Product Mark <input type="checkbox"/> Back Mark <input type="checkbox"/> Date Code <input checked="" type="checkbox"/> Other	Traceability to the test location is maintained by IDT and available on request
Date Effective: <b>8-Sep-2019</b>				
Contact: IDT PCN DESK	Attachment: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
E-mail: <a href="mailto:pcndesk@idt.com">pcndesk@idt.com</a>	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

This notification is to advise our customers that IDT is adding Sigurd, Taiwan as an alternate facility for Test process for the selective products that are presently tested in IDT Penang, Malaysia facility.

Attachment I details the change.

### RELIABILITY/QUALIFICATION SUMMARY:

There is no expected change to the product quality or reliability performance. Please refer to Attachment I 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: _____	<input type="checkbox"/> <b>Approval for shipments prior to effective date.</b>
Name/Date: _____	E-Mail Address: _____
Title: _____	Phone# /Fax# : _____

### CUSTOMER COMMENTS:

### IDT ACKNOWLEDGMENT OF RECEIPT:

RECD. BY: \_\_\_\_\_ DATE: \_\_\_\_\_

**PRODUCT/PROCESS CHANGE NOTICE (PCN)****ATTACHMENT I - PCN # : TB1908-01**

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

**Data Sheet Change:** None

**Detail Of Change:**

This notification is to advise our customers that IDT is adding Sigurd, Taiwan as an alternate facility for Test process for the selective products that are presently tested in IDT Penang, Malaysia facility.

This change will allow IDT the flexibility to ship from either facilities and will provide the increased capacity, flexibility and shorter lead time to meet market demand.

There is no change in the Test processing flows. 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 with no change to the test coverage.

If you require samples to conduct evaluations, please contact your local sales representative to acknowledge this PCN and request samples.

**PRODUCT/PROCESS CHANGE NOTICE (PCN)****ATTACHMENT I - PCN # : TB1908-01****Qualification Information and Qualification Data:****Electrical Test Correlation Results**

Vehicle: F0452

Sample size: 4 good and 3 reject units; 10 cycles loop test correlation

Description	Existing Test (IDT, Penang)	Alternate Test (Sigurd, Taiwan)
Tester Platform	J750	Ultra Flex
Test Program	F0452_FT_rev1.3	F0452_F0453_UFlex_rev02
Test Site	Quad Site	Quad Site
Test Temperature	Ambient	Ambient
Test Correlation Results	100%	100%
Number of Good Units	4 pcs	4 pcs
4 good units datalog correlation	Passed	Passed
Number of Loop Test	10	10
4 good units datalog correlation (Loop Test)	Passed	Passed
Number of Reject Units	3 pcs	3 pcs
3 reject units datalog correlation	Passed	Passed

Vehicle: F0453

Sample size: 4 good and 3 reject units; 10 cycles loop test correlation

Description	Existing Test (IDT, Penang)	Alternate Test (Sigurd, Taiwan)
Tester Platform	J750	Ultra Flex
Test Program	F0453_FT_rev1.3	F0452_F0453_UFlex_rev02
Test Site	Quad Site	Quad Site
Test Temperature	Ambient	Ambient
Test Correlation Results	100%	100%
Number of Good Units	4 pcs	4 pcs
4 good units datalog correlation	Passed	Passed
Number of Loop Test	10	10
4 good units datalog correlation (Loop Test)	Passed	Passed
Number of Reject Units	3 pcs	3 pcs
3 reject units datalog correlation	Passed	Passed

**PRODUCT/PROCESS CHANGE NOTICE (PCN)****ATTACHMENT II - PCN # : TB1908-01****Affected Part Numbers**

Part Number	Part Number	Part Number	Part Number
F0452BLEGK	F0452LEGK	F0453BLEGK	F0453LEGK
F0452BLEGK8	F0452LEGK8	F0453BLEGK8	F0453LEGK8