



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

## PRODUCT/PROCESS CHANGE NOTICE (PCN)

<b>PCN #:</b> TB1209-01 <b>DATE:</b> October 5, 2012 <b>Product Affected:</b> Various part#. Refer attachment II  <b>Date Effective:</b> January 5, 2013	<b>MEANS OF DISTINGUISHING CHANGED DEVICES:</b> <input type="checkbox"/> Product Mark <input type="checkbox"/> Back Mark <input type="checkbox"/> Date Code <input checked="" type="checkbox"/> Other <p style="text-align: right; font-size: small;">Traceability to the test location is maintained by IDT and available on request</p>
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<b>Contact:</b> Mary Vesey <b>Title:</b> Director, Product Assurance <b>Phone #:</b> (408) 284-4565 <b>Fax #:</b> (408) 284-1450 <b>E-mail:</b> <a href="mailto:Mary.Vesey@idt.com">Mary.Vesey@idt.com</a>	<b>Attachment:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  <b>Samples:</b> Please contact your local IDT sales representative for sample requests.
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**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 checked="" type="checkbox"/> Testing - Test Site <input type="checkbox"/> Manufacturing Site <input type="checkbox"/> Data Sheet <input type="checkbox"/> Other	<p>This notification is to advise our customers that IDT is adding UTAC, Thailand as an alternate facility for Test process for the selective products that are presently tested at IDT Penang, Malaysia facility.</p> <p>Attachment I details the change and Attachment II lists the affected part numbers.</p>
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**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.

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

**CUSTOMER COMMENTS:** \_\_\_\_\_

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**IDT ACKNOWLEDGMENT OF RECEIPT:**

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



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## **PRODUCT/PROCESS CHANGE NOTICE (PCN)**

### **ATTACHMENT I - PCN # : TB1209-01**

**PCN Type:** Alternate Test Site

**Data Sheet Change:** No Change

**Details Of Change:**

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

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

There is no change in the Test processing flows. Testers, load boards and test programs 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 with no change to the test coverage.

There is no change in the moisture sensitivity level (MSL).

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



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## PRODUCT/PROCESS CHANGE NOTICE (PCN)

### ATTACHMENT I - PCN # : TB1209-01

#### Qualification Information and Qualification Data:

##### Electrical Test Correlation Results

Vehicle: 8535AGI-31 (PGG20)

Sample size: 1000 electrically good units and 306 reject units

Description	IDT Penang, Malaysia (Existing Facility)	UTAC, Thailand (Alternate Facility)
Tester Platform	NEXTEST PT	NEXTEST PT
Loadboard & Test Program	IDT Load board and Test Program	IDT Load board and Test Program
Test Site	Single site	Single site
Test Temperature	25°C	25°C
Test Correlation Results (Both Good and Rejects)	100%	100%
Number of Good Units Correlated @ 25°C	1000 pcs	1000 pcs
Number of Reject Units Correlated @ 25°C	306 pcs	306 pcs



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## PRODUCT/PROCESS CHANGE NOTICE (PCN)

### ATTACHMENT II - PCN # : TB1209-01

#### Affected Part Number

IDT Part Number	IDT Part Number	IDT Part Number	IDT Part Number
8535AG-01	8535AG-31	8535AGI-01	8535AGI-31
8535AG-01LF	8535AG-31LF	8535AGI-01LF	8535AGI-31T
8535AG-01LFT	8535AG-31LFT	8535AGI-01LFT	
8535AG-01T	8535AG-31T	8535AGI-01T	