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

PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: **TB0801-01** DATE: **01/29/08**
Product Affected: **IDT AMB Products**

Date Effective: **02/29/08**

MEANS OF DISTINGUISHING CHANGED DEVICES:
- ☐ Product Mark
- ☐ Back Mark
- ☐ Date Code
- ☐ Other

Not applicable

Contact: Bimla Paul
Title: Product Quality Assurance
Phone #: (408) 574-6419
Fax #: (408) 284-8362
E-mail: Bimla.Paul@idt.com

Attachment: ■ Yes ☐ No

Samples: N/A

DESCRIPTION AND PURPOSE OF CHANGE:

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

This notification is to advise our customers that IDT is adding SPIL, Taiwan as an alternate Test and Backend (Coplanarity, Tape and Reel) facility for IDT AMB products.

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

Attachment I details the change and Attachment II shows the affected list of part numbers.

RELIABILITY/QUALIFICATION SUMMARY:

Please refer to the electrical correlation exercise.

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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PRODUCT/PROCESS CHANGE NOTICE (PCN)

ATTACHMENT I - PCN #: TB0801-01

PCN Type: Test and Backend Site

Data Sheet Change: None

Detail of Change:

This notification is to advise our customers that IDT is adding SPIL, Taiwan as an alternate Test and Back End (Coplanarity, Tape and Reel) facility for IDT AMB products. This will give IDT increased manufacturing capacity and flexibility.

There is no change in the Test and Back End processing flows. Tester, loadboard and test program are the same. IDT has completed an electrical correlation exercise and based on the results, we do not anticipate impact on electrical testing.

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

Table 1

Description	Existing	Add
Test Location	IDT Penang	SPIL, Taiwan
Backend Location	IDT Penang	SPIL, Taiwan

Sample Availability:

Samples for each package type are available for customer evaluation, but may not be available for all devices.

Please contact your local IDT sales representative for your sample request and availability.

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PRODUCT/PROCESS CHANGE NOTICE (PCN)

ATTACHMENT I - PCN #: TB0801-01

Electrical Correlation Exercise:

Vehicle: AMB0482C1AZRJ

Description	IDT Penang (Existing Facility)	SPIL Taiwan (Alternate Facility)
Test Hardware/Software	HP Tester IDT Loadboard and Test Program	HP Tester - same model as IDT Penang IDT Loadboard and Test Program
Test Correlation Results	100%	100%
Number of Good Units Correlated	1000	1000
Number of Reject Units Correlated	40	40

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PRODUCT/PROCESS CHANGE NOTICE (PCN)

ATTACHMENT II - PCN #: TB0801-01

Affected Part Number

IDT Part Number	IDT Part Number	IDT Part Number	IDT Part Number
IDTAMB0480A3RH	IDTAMB0481A0RH	IDTAMB0483D0RJ	IDTAMB0680A3RJ
IDTAMB0480A5RH	IDTAMB0481A0RJ	IDTAMB0582C1RH	IDTAMB0680B0RH
IDTAMB0480A5RJ	IDTAMB0481A1RJ	IDTAMB0582C1RJ	IDTAMB0680B0RJ
IDTAMB0480ARJ	IDTAMB0482C0RJ	IDTAMB0583D0RJ	IDTAMB0680B1RH
IDTAMB0480B1RH	IDTAMB0482C1RH	IDTAMB0680A2RH	IDTAMB0680B1RJ
IDTAMB0480B1RJ	IDTAMB0482C1RJ	IDTAMB0680A2RJ	
IDTAMB0480S5RJ	IDTAMB0483D0RH	IDTAMB0680A3RH	

Notes: For T & R (shipping method) "8" is added to the end of the part#