



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**

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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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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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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#