



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

PRODUCT/PROCESS CHANGE NOTICE (PCN)

| | |
|---|---|
| PCN #: TB-0609-02 DATE: 06-Oct-2006 Product Affected: SOJ 28L, 32L, 36L Products shipped in tube Date Effective: 06-Jan-2007 | MEANS OF DISTINGUISHING CHANGED DEVICES: <input type="checkbox"/> Product Mark <input type="checkbox"/> Back Mark <input type="checkbox"/> Date Code <input checked="" type="checkbox"/> Other Rev. 08 printed on shipping tube |
|---|---|

| | |
|---|---|
| Contact: Geoffrey Cortes Title: Product Quality Phone #: (408) 284-8321 Fax #: (408) 284-1450 E-mail: Geoffrey.Cortes@idt.com | Attachment: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Samples: N/A |
|---|---|

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 type="checkbox"/> Testing <input type="checkbox"/> Manufacturing Site <input type="checkbox"/> Data Sheet <input checked="" type="checkbox"/> Other - Packing Material | <p>This notification is to advise our customer that IDT has qualified new shipping tubes for SOJ 28L, 32L, 36L products. The new shipping tubes have an increase in the tube opening height from 0.105 inches to 0.128 inches to provide better protection for packages during assembly, test and backend processes.</p> <p>Attachment I details the change. Attachment II provides a list of affected products.</p> |
|---|--|

RELIABILITY/QUALIFICATION SUMMARY:

The new shipping tubes have passed IDT qualification. Please see Attachment I for the qualification results.

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

CUSTOMER COMMENTS: _____

IDT ACKNOWLEDGMENT OF RECEIPT:

RECD. BY: _____ DATE: _____



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ATTACHMENT I - PCN #: TB-0609-02

PCN Type: Packing

Data Sheet Change: None

Detail of Change: This notification is to advise our customer that IDT has qualified new shipping tubes for SOJ 28L, 32L, 36L products. The new shipping tubes have an increase in the tube opening height from 0.105 inches to 0.128 inches to provide better protection for packages during assembly, test and backend processes.

The new shipping tubes have passed IDT's internal qualification requirements.

| Description | Existing Shipping Tube | New Shipping Tube |
|--------------------------------|------------------------|-------------------|
| Supplier | ITW Meritex | ITW Meritex |
| Supplier Part Number | O-XT0687 Rev 07 | O-XT0687 Rev 08 |
| IDT Part Number | P1-069-000 Rev 07 | P1-069-000 Rev 08 |
| Revision Printed on Tube | Rev. 07 | Rev. 08 |
| * Tube Opening Height (inches) | 0.105 | 0.128 |

* Note: Tube opening height is denoted as dimension 'F' in the tube drawing. See attachment for the drawing.

Qualification Plan #: BC06-09-08

Qualification Test Plan and Result:

Test Vehicle: SOJ 36L

| Qualification Test and Conditions | Reject / Sample Size | Result |
|---|----------------------|--------|
| 6 Feet Drop Test (6 drops, 1 drop per side @ standard packing) | 0/10 tubes | Pass |
| Manufacturability (IC Fitting, Trim & Form Machine, Vision System, Test Handler) | 0/10 tubes | Pass |
| Visual/Mechanical (Chip, crack, pit, incomplete fill, contamination, burr on tray pocket) | 0/5 tubes | Pass |
| Static Electricity Test (100 volts max) | 0/5 tubes | Pass |
| Dimensional (critical dimensions based on drawing) | 0/5 tubes | Pass |



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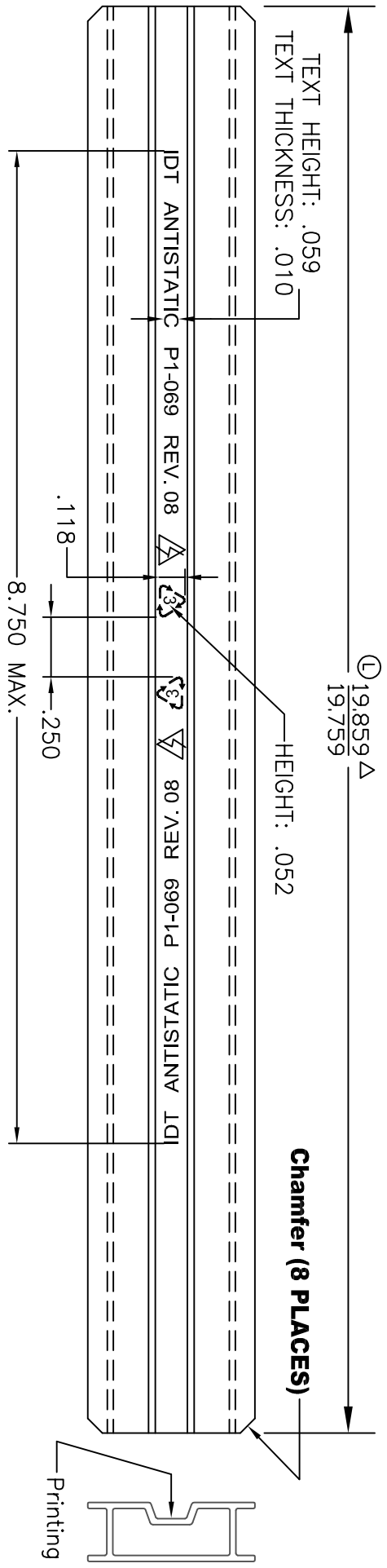
PRODUCT/PROCESS CHANGE NOTICE (PCN)

ATTACHMENT II - PCN #: TB-0609-02

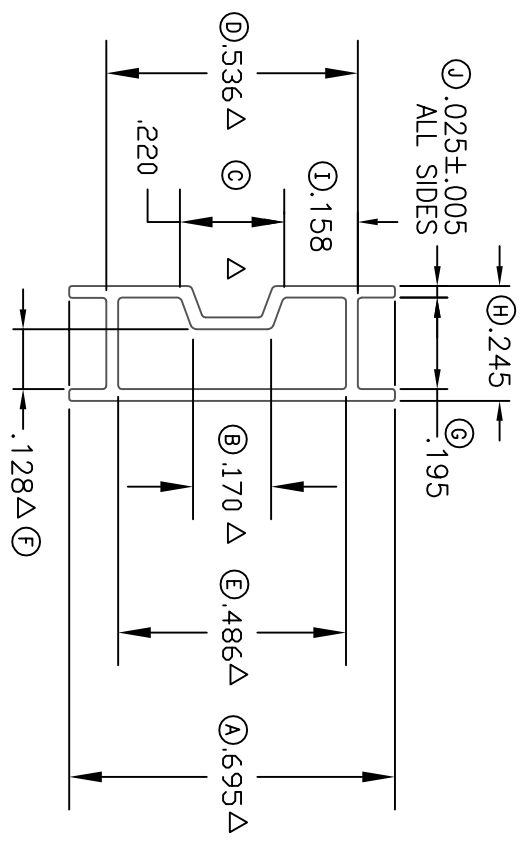
Affected Part Number

| IDT Part Number | IDT Part Number | IDT Part Number | IDT Part Number |
|-----------------|------------------|------------------|-----------------|
| IDT71024S12Y | IDT71124S12YGI | IDT71V124SA10YI | IDT71V424S12Y |
| IDT71024S12YG | IDT71124S12YI | IDT71V124SA12Y | IDT71V424S12YG |
| IDT71024S12YGI | IDT71124S15Y | IDT71V124SA12YG | IDT71V424S12YGI |
| IDT71024S12YI | IDT71124S15YG | IDT71V124SA12YGI | IDT71V424S12YI |
| IDT71024S15Y | IDT71124S15YGI | IDT71V124SA12YI | IDT71V424S15Y |
| IDT71024S15YG | IDT71124S15YI | IDT71V124SA15Y | IDT71V424S15YG |
| IDT71024S15YGI | IDT71124S20Y | IDT71V124SA15YG | IDT71V424S15YGI |
| IDT71024S15YI | IDT71124S20YG | IDT71V124SA15YGI | IDT71V424S15YI |
| IDT71024S20Y | IDT71124S20YGI | IDT71V124SA15YI | IDT71V428L10Y |
| IDT71024S20YG | IDT71124S20YI | IDT71V124SA20Y | IDT71V428L10YG |
| IDT71024S20YGI | IDT71128S12Y | IDT71V124SA20YI | IDT71V428L10YGI |
| IDT71024S20YI | IDT71128S12YG | IDT71V424L10Y | IDT71V428L12Y |
| IDT71024S25Y | IDT71128S12YGI | IDT71V424L10YG | IDT71V428L12YI |
| IDT71024S25YG | IDT71128S12YI | IDT71V424L10YGI | IDT71V428L15Y |
| IDT71028S12Y | IDT71128S15Y | IDT71V424L10YI | IDT71V428L15YI |
| IDT71028S12YG | IDT71128S15YG | IDT71V424L12Y | IDT71V428S10Y |
| IDT71028S12YI | IDT71128S15YGI | IDT71V424L12YG | IDT71V428S10YGI |
| IDT71028S15Y | IDT71128S15YI | IDT71V424L12YGI | IDT71V428S10YGI |
| IDT71028S15YG | IDT71128S20Y | IDT71V424L12YI | IDT71V428S10YI |
| IDT71028S15YGI | IDT71128S20YG | IDT71V424L15Y | IDT71V428S12Y |
| IDT71028S15YI | IDT71128S20YGI | IDT71V424L15YG | IDT71V428S12YG |
| IDT71028S20Y | IDT71128S20YI | IDT71V424L15YGI | IDT71V428S12YGI |
| IDT71028S20YG | IDT71V124S15Y | IDT71V424L15YI | IDT71V428S12YI |
| IDT71028S20YGI | IDT71V124S20Y | IDT71V424S10Y | IDT71V428S15Y |
| IDT71028S20YI | IDT71V124SA10Y | IDT71V424S10YG | IDT71V428S15YGI |
| IDT71124S12Y | IDT71V124SA10YG | IDT71V424S10YGI | IDT71V428S15YGI |
| IDT71124S12YG | IDT71V124SA10YGI | IDT71V424S10YI | IDT71V428S15YI |

| REVISIONS | | | |
|-----------|------------------------------------|----------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| 13 | INCLUDED ITW MERITEX AS SUPPLIER | 03/11/06 | KK Three |
| 14 | INCREASE (F) FROM 0.105" TO 0.128" | 08/24/06 | KK Three |




| | |
|---------------|-----------|
| TUBE COLOUR: | CLEAR |
| PRINT COLOUR: | DARK BLUE |



- NOTES : (UNLESS OTHERWISE SPECIFIED)
1. ALL DIMENSIONS ARE INCHES, UNLESS OTHERWISE SPECIFIED.
 2. ALL TUBE TOLERANCE TO BE ± 0.010", UNLESS OTHERWISE SPECIFIED.
 3. AT LEAST ONE COMPLETE PRINT PER TUBE
 4. REFER TO MSA-3049 FOR MATERIAL & COATING REQUIREMENTS
 5. END TO BE 0.010" BURR ALLOWABLE.
 6. * DENOTES CRITICAL DIMENSION.
 7. SUPPLIER PART NUMBER :
 8. IDT PART NUMBER FOR PINK TUBE : R1-069-000
 9. PRINTING REVISION : REV 08
 10. PRODUCE WITH DRY EXTRUSION PROCESS.

1) ITW AMPANG : 0-GT9294
 i) ITW MERITEX : 0-XT0687

| | | | | | |
|---------------------------------------|--|---------------------------------|--|-----------|--|
| TOLERANCES UNLESS OTHERWISE SPECIFIED | | DECIMALS | | ANGLE | |
| .XX ±.25 | | .XXX ±.13 | | .XXX ±.13 | |
| APPROVALS | | DATE | | SCALE | |
| DRAWN | | DATE | | N/A | |
| CHECKED | | DATE | | SIZE | |
| TITLE: PB/PBG 28/32/36 SHIPPING TUBE | | DRAWING NO. P1-069-000 MSC-3026 | | REV B | |
| STOCK NO. | | DRAWING NO. | | REV | |
| P1-069-000 | | MSC-3026 | | 14 | |
| DO NOT SCALE DRAWING | | SHEET 1 OF 1 | | | |



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www.IDT.com