



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

PRODUCT/PROCESS CHANGE NOTICE (PCN)

| | |
|--|--|
| PCN #: A1503-01 DATE: April 13, 2015 Product Affected: Cerdip-300mil, Cerdip-600mil, Cerpac-28, CGA-84, CGA-108, LCC-20, LCC-32, (Refer Attachment II for affected part#) Date Effective: July 13, 2015 | MEANS OF DISTINGUISHING CHANGED DEVICES: <input type="checkbox"/> Product Mark Assembly lot marked on the device <input checked="" type="checkbox"/> Back Mark provides traceability to the material used <input type="checkbox"/> Date Code <input type="checkbox"/> Other |
|--|--|

| | |
|---|--|
| Contact: IDT PCN DESK E-mail: pcndesk@idt.com | Attachment: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Samples: Contact your local sales representative for sample and datasheet requests. |
|---|--|

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 checked="" type="checkbox"/> Material <input type="checkbox"/> Testing <input type="checkbox"/> Manufacturing Site <input type="checkbox"/> Data Sheet <input type="checkbox"/> Other | <p>This notification is to inform our customers that IDT is converting to a new die coat material, PI2579C.</p> <p>Attachment I: Details of change. Attachment II: Affected part list.</p> |
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RELIABILITY/QUALIFICATION SUMMARY:

There is no expected change to the product quality or reliability performance. Refer to attachments for Qualification 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 90 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 # : A1503-01

PCN Type: Assembly Material

Data Sheet Change: None

Details Of Change: This notification is to inform our customers that IDT is converting to a new die coat material, PI2579C.

You may contact your local sales representative to acknowledge this PCN and request samples.

| Description | Changes | |
|-------------|--------------|---------|
| | From | To |
| Die coat | PIX-L110S-15 | PI2579C |

Qualification Test Plan and Results:

Test Vehicle: CGA-84 (2 lots) and Cerdip-300mil (1 lot)

| Description | Method | Result (# of Reject / SS) | | |
|---|--------------------------|---------------------------|--------|----------------|
| | | CGA-84 | CGA-84 | Cerdip 300 mil |
| Bond Pull Test | Mil-Std-883, M2011 | 0/5 | 0/5 | 0/5 |
| Internal Visual Inspection | Mil-Std-883, M2010 | 0/5 | 0/5 | 0/5 |
| Thermal Shock (-65 degree C to 150 degree C @ 15 cycle +) | Mil-Std-883, M1011 | 0/32 | 0/32 | 0/32 |
| Temperature Cycle (-65 degree C to 150 degree C @ 100 cycle +) | Mil-Std-883, M1010 | 0/32 | 0/32 | 0/32 |
| Moisture Resistance (90%RH, -10/25/65 degree C @ 10 cycle +) | Mil-Std-883, M1004 | 0/32 | 0/32 | 0/32 |
| Fine / Gross Leak Test | Mil-Std-883, M1014 | 0/32 | 0/32 | 0/32 |
| External Visual Inspection | Mil-Std-883, M1004/M1011 | 0/32 | 0/32 | 0/32 |
| Internal Vapor Content | Mil-Std-883, M1018 | 0/3 | 0/3 | 0/3 |
| High Temperature Storage Bake (150 degree C @ 1000 hrs) | Mil-Std-883, M1008 | 0/77 | 0/77 | 0/77 |



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ATTACHMENT II - PCN # : A1503-01

Affected Part Numbers

| Part Number | Part Number | Part Number | Part Number |
|-----------------|-------------------|----------------|-------------|
| 5962-3829406MXA | 5962-8866206XA | 7050S35G | 7164L20TDB |
| 5962-3829406MZA | 5962-8874001LA | 7050S35G/2703 | 7164L25DB |
| 5962-3829407MXA | 5962-8874002LA | 7052L20G | 7164L25TDB |
| 5962-3829407MZA | 5962-8969001LA | 7052L25G | 7164L35DB |
| 5962-3829408MXA | 5962-8969001LA/82 | 7052L30GB | 7164L35TDB |
| 5962-3829408MZA | 5962-8969002LA | 7052L35G | 7164L45DB |
| 5962-3829409MXA | 6116LA120DB | 7052L35GB | 7164L45TDB |
| 5962-3829409MZA | 6116LA120TDB | 7052S20G | 7164L55DB |
| 5962-3829410MXA | 6116LA150DB | 7052S25G | 7164L55TDB |
| 5962-3829410MZA | 6116LA150TDB | 7052S25G/2703 | 7164L70DB |
| 5962-3829411MXA | 6116LA20TDB | 7052S30GB | 7164L70TDB |
| 5962-3829411MZA | 6116LA25DB | 7052S35G | 7164L85DB |
| 5962-3829412MXA | 6116LA25TDB | 7052S35G/S2703 | 7164L85TDB |
| 5962-3829412MZA | 6116LA35DB | 7052S35GB | 7164S100DB |
| 5962-3829413MXA | 6116LA35TDB | 71256L100DB | 7164S20DB |
| 5962-3829413MZA | 6116LA45DB | 71256L100TDB | 7164S20TDB |
| 5962-3829414MXA | 6116LA45TDB | 71256L120DB | 7164S25DB |
| 5962-3829414MZA | 6116LA55DB | 71256L150DB | 7164S25TDB |
| 5962-3829415MXA | 6116LA55TDB | 71256L25DB | 7164S35DB |
| 5962-3829415MZA | 6116LA70DB | 71256L25TDB | 7164S35TDB |
| 5962-3829416MXA | 6116LA70TDB | 71256L35DB | 7164S45DB |
| 5962-3829416MZA | 6116LA90DB | 71256L35TDB | 7164S45TDB |
| 5962-3829417MXA | 6116LA90TDB | 71256L45DB | 7164S55DB |
| 5962-3829417MZA | 6116SA120DB | 71256L45TDB | 7164S55TDB |
| 5962-8552512XA | 6116SA120TDB | 71256L55DB | 7164S70DB |
| 5962-8855201UA | 6116SA150DB | 71256L55TDB | 7164S70TDB |
| 5962-8855201XA | 6116SA150TDB | 71256L70DB | 7164S85DB |
| 5962-8855202UA | 6116SA20DB | 71256L70TDB | 7164S85TDB |
| 5962-8855202XA | 6116SA20TDB | 71256L85DB | 8403608JA |
| 5962-8855203UA | 6116SA25TDB | 71256L85TDB | 8403608LA |
| 5962-8855203XA | 6116SA35TDB | 71256S100DB | 8403609JA |
| 5962-8855204UA | 6116SA45DB | 71256S100TDB | 8403609LA |
| 5962-8855204XA | 6116SA45TDB | 71256S25DB | 8403610JA |
| 5962-8855206UA | 6116SA55DB | 71256S25TDB | 8403610LA |
| 5962-8855206XA | 6116SA55TDB | 71256S35DB | 8403611JA |
| 5962-8866201NA | 6116SA70DB | 71256S35TDB | 8403611LA |
| 5962-8866201XA | 6116SA70TDB | 71256S45DB | 8403612JA |
| 5962-8866202NA | 6116SA90DB | 71256S45TDB | 8403612LA |
| 5962-8866202XA | 6116SA90TDB | 71256S55DB | 8403613JA |
| 5962-8866203NA | 7027L25G | 71256S55TDB | 8403613LA |
| 5962-8866203XA | 7027L35G | 71256S70DB | 8403615JA |
| 5962-8866204NA | 7027L55G | 71256S70TDB | 8403615LA |
| 5962-8866204XA | 7027S25G | 71256S85DB | 8403616JA |
| 5962-8866205NA | 7027S35G | 71256S85TDB | 8403616LA |
| 5962-8866205XA | 7027S55G | 7164L100DB | |
| 5962-8866206NA | 7050L25G | 7164L20DB | |