



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

PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: **A1203-01** DATE: **May 25, 2012**
Product Affected: **PDIP**
(Refer Attachment II for affected part#)

Date Effective: **Aug 25, 2012**

MEANS OF DISTINGUISHING CHANGED DEVICES:
 Product Mark Assembly lot marked on the device
 Back Mark provides traceability to the material used
 Date Code
 Other

Contact: Mary Vesey
Title: Director, Product Assurance Attachment: Yes No
Phone #: (408) 284-4565
Fax #: (408) 284-1450 Samples: Samples available now
E-mail: Mary.Vesey@idt.com

DESCRIPTION AND PURPOSE OF CHANGE:

- Die Technology
 - Wafer Fabrication Process
 - Assembly Process
 - Equipment
 - Material
 - Testing
 - Manufacturing Site
 - Data Sheet
 - Other
- This notification is to inform our customers that IDT is converting to a new mold compound, CK5000A.
- There is no change in the moisture sensitivity level (MSL).
- Attachment I: Details of change.
Attachment II: Affected part list.

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: _____ ***Approval for shipments prior to effective date.***
Name/Date: _____ E-Mail Address: _____
Title: _____ Phone# /Fax# : _____

CUSTOMER COMMENTS:

IDT ACKNOWLEDGMENT OF RECEIPT:

RECD. BY: _____ DATE: _____



PRODUCT/PROCESS CHANGE NOTICE (PCN)

ATTACHMENT I - PCN # : A1203-01

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 mold compound, CK5000A.

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

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

| Description | Changes | |
|---------------|-----------|---------|
| | From | To |
| Mold Compound | DMC2000HG | CK5000A |

Qualification Test Plan and Results:

Test Vehicle: PDIP-8 (3 lots)

| Test Description | Test Results (SS/Rej) | | |
|---|-----------------------|-------|-------|
| | Lot 1 | Lot 2 | Lot 3 |
| * Temperature Cycling (-65/150 °C, 500 cycles) | 77/0 | 77/0 | 77/0 |
| * High Accelerated Stress Test (Biased, 130 °C/85% RH, 96 Hrs) | 77/0 | 77/0 | 77/0 |
| High Temperature Stabilization Bake (150 °C, 1000 hours) | 77/0 | 77/0 | 77/0 |

Note: * Test require moisture pre-conditioning sequence per JESD22-A113.



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ATTACHMENT II - PCN # : A1203-01

Affected Part Number

| Part Number | Part Number | Part Number | Part Number |
|--------------|------------------|--------------|----------------|
| 6116LA15TP | 71256L30PI | 7130LA35P | 7132LA35PDG |
| 6116LA15TPG | 71256L35P | 7130LA35PDG | 7132LA35PDGI |
| 6116LA19TP | 71256L35PDG | 7130LA35PDGI | 7132LA35PI |
| 6116LA20TP | 71256L35PDGI | 7130LA35PI | 7132LA45P |
| 6116LA20TPG | 71256L35PI | 7130LA45P | 7132LA45PI |
| 6116LA20TPGI | 71256S20PI | 7130LA45PDG | 7132LA55P |
| 6116LA25TP | 71256S25P | 7130LA45PDGI | 7132LA55PDGI |
| 6116LA25TPG | 71256S25PI | 7130LA45PI | 7132LA55PI |
| 6116LA25TPGI | 71256S30PI | 7130LA55P | 7132LA70P |
| 6116LA35TP | 71256SA12P | 7130LA55PDG | 7132LA90P |
| 6116LA35TPG | 71256SA12TP | 7130LA55PDGI | 7132SA100P |
| 6116LA35TPGI | 71256SA12TP/2719 | 7130LA55PI | 7132SA20P |
| 6116LA45TP | 71256SA12TPG | 7130LA70P | 7132SA25P |
| 6116LA45TPG | 71256SA12TPGI | 7130LA90P | 7132SA35P |
| 6116LA45TPGI | 71256SA15P | 7130SA100P | 7132SA35PI |
| 6116SA15TP | 71256SA15TP | 7130SA20P | 7132SA45P |
| 6116SA15TPG | 71256SA15TPG | 7130SA20PDG | 7132SA45PI |
| 6116SA19TP | 71256SA15TPGI | 7130SA20PDGI | 7132SA55P |
| 6116SA20TP | 71256SA15TPI | 7130SA25P | 7132SA55PDG |
| 6116SA20TPG | 71256SA20P | 7130SA25PDG | 7132SA55PI |
| 6116SA20TPGI | 71256SA20TP | 7130SA25PDGI | 7132SA70P |
| 6116SA20TPI | 71256SA20TP/N | 7130SA35P | 7132SA90P |
| 6116SA25TP | 71256SA20TPG | 7130SA35PDG | 7134LA20P |
| 6116SA25TPG | 71256SA20TPGI | 7130SA35PDGI | 7134LA20PDG |
| 6116SA25TPGI | 71256SA20TPI | 7130SA35PI | 7134LA25P |
| 6116SA25TPI | 71256SA25P | 7130SA45P | 7134LA25PDG |
| 6116SA35TP | 71256SA25PDGI | 7130SA45PDG | 7134LA25PDGI |
| 6116SA35TPG | 71256SA25PI | 7130SA45PDGI | 7134LA35P |
| 6116SA35TPGI | 71256SA25TP | 7130SA45PI | 7134LA45P |
| 6116SA35TPI | 71256SA25TP/N | 7130SA55P | 7134LA55P |
| 6116SA45TP | 71256SA25TPG | 7130SA55P8 | 7134LA70P |
| 6116SA45TPG | 71256SA25TPGI | 7130SA55PDG | 7134LA70P/2703 |
| 6116SA45TPGI | 71256SA25TPI | 7130SA55PDGI | 7134SA20P |
| 6116SA45TPI | 71256SA35P | 7130SA55PI | 7134SA25P |
| 71256L20P | 71256SA35PI | 7130SA70P | 7134SA35P |
| 71256L20PDG | 71256SA70P | 7130SA90P | 7134SA45P |
| 71256L20PDGI | 7130LA100P | 7132L20P | 7134SA55P |
| 71256L20PI | 7130LA17P | 7132L25P | 7134SA70P |
| 71256L25P | 7130LA20P | 7132L35P | 7140LA100P |
| 71256L25PDG | 7130LA20PDG | 7132LA100P | 7140LA35P |
| 71256L25PDGI | 7130LA20PDGI | 7132LA17P | 7140LA35PDG |
| 71256L25PI | 7130LA25P | 7132LA20P | 7140LA45P |
| 71256L30PDG | 7130LA25PDG | 7132LA25P | 7140LA55P |
| 71256L30PDGI | 7130LA25PDGI | 7132LA35P | 7140LA70P |



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Affected Part Number

| Part Number | Part Number | Part Number | Part Number |
|-------------|--------------|-------------|-------------|
| 7140LA90P | 7164S35TPG | 7202LA12P | 7204L12TPG |
| 7140SA100P | 7200L12TP | 7202LA12PDG | 7204L12TPI |
| 7140SA35P | 7200L12TPG | 7202LA12TP | 7204L15P |
| 7140SA45P | 7200L12TPI | 7202LA12TPG | 7204L15PDGI |
| 7140SA55P | 7200L15TP | 7202LA15P | 7204L15PI |
| 7140SA70P | 7200L15TPGI | 7202LA15PDG | 7204L15TP |
| 7140SA90P | 7200L15TPI | 7202LA15PI | 7204L15TPI |
| 7142LA100P | 7200L20TP | 7202LA15TP | 7204L20P |
| 7142LA35P | 7200L25TP | 7202LA15TPI | 7204L20TP |
| 7142LA45P | 7200L25TPI | 7202LA20P | 7204L25P |
| 7142LA55P | 7200L35TP | 7202LA20TP | 7204L25PI |
| 7142LA70P | 7200L50TP | 7202LA25P | 7204L25TP |
| 7142LA90P | 7201LA12P | 7202LA25PI | 7204L25TPI |
| 7142SA100P | 7201LA12PDG | 7202LA25TP | 7204L35P |
| 7142SA35P | 7201LA12PI | 7202LA25TPI | 7204L35TP |
| 7142SA45P | 7201LA12TP | 7202LA35P | 7204L50P |
| 7142SA55P | 7201LA12TPG | 7202LA35TP | 7204L50TP |
| 7142SA70P | 7201LA12TPI | 7202LA50P | 7205L12P |
| 7142SA90P | 7201LA15P | 7202LA50TP | 7205L12PDG |
| 7164L15PI | 7201LA15PDG | 7203L12P | 7205L12TP |
| 7164L15TP | 7201LA15PI | 7203L12PDG | 7205L12TPG |
| 7164L15TPG | 7201LA15TP | 7203L12TP | 7205L12TPI |
| 7164L15TPGI | 7201LA15TPG | 7203L12TPG | 7205L15P |
| 7164L20PI | 7201LA15TPI | 7203L12TPI | 7205L15TP |
| 7164L20TP | 7201LA20P | 7203L15P | 7205L15TPGI |
| 7164L20TPG | 7201LA20PDG | 7203L15PI | 7205L20P |
| 7164L20TPGI | 7201LA20TP | 7203L15TP | 7205L20TP |
| 7164L25PI | 7201LA20TPG | 7203L15TPG | 7205L25P |
| 7164L25TPG | 7201LA25P | 7203L15TPGI | 7205L25PI |
| 7164L35PI | 7201LA25PDG | 7203L15TPI | 7205L25TP |
| 7164L45PI | 7201LA25PI | 7203L20P | 7205L25TPI |
| 7164S15PI | 7201LA25TP | 7203L20TP | 7205L35P |
| 7164S15TP | 7201LA25TPG | 7203L25P | 7205L35TP |
| 7164S15TPG | 7201LA25TPI | 7203L25PI | 7205L50P |
| 7164S15TPGI | 7201LA35P | 7203L25TP | 7205L50TP |
| 7164S20PI | 7201LA35PDG | 7203L25TPI | 7206L15P |
| 7164S20TP | 7201LA35TP | 7203L35P | 7206L15PDG |
| 7164S20TPG | 7201LA35TPG | 7203L35TP | 7206L15TP |
| 7164S20TPGI | 7201LA50P | 7203L50P | 7206L15TPG |
| 7164S25PI | 7201LA50P/C | 7203L50P/LT | 7206L20P |
| 7164S25TP | 7201LA50P/LT | 7203L50TP | 7206L20TP |
| 7164S25TPG | 7201LA50PDG | 7204L12P | 7206L25P |
| 7164S35PI | 7201LA50TP | 7204L12PDG | 7206L25PI |
| 7164S35TP | 7201LA50TPG | 7204L12TP | 7206L25TP |



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|-------------|-------------|-------------|-------------|
| 7206L25TPI | 7208L35P | 72200L25TP | 72401L25P |
| 7206L35P | 72105L25TP | 72210L10TP | 72401L35P |
| 7206L35TP | 72105L50TP | 72210L15TP | 72401L45P |
| 7206L50P | 72115L25TP | 72210L25TP | 72403L10P |
| 7206L50TP | 72115L50TP | 72220L10TP | 72403L15P |
| 7207L15P | 72125L25TP | 72220L15TP | 72403L25P |
| 7207L15PDG | 72125L50TP | 72220L25TP | 72403L35P |
| 7207L15PI | 72131L35P | 72230L10TP | 72403L45P |
| 7207L20P | 72131L50P | 72230L15TP | 72413L25P |
| 7207L25P | 72132L35P | 72230L25TP | 72413L35P |
| 7207L25PI | 72132L50P | 72240L10TP | 72413L45P |
| 7207L35P | 72141L35P | 72240L10TPG | 72420L10TP |
| 7207L50P | 72141L50P | 72240L15TP | 72420L15TP |
| 7208L20P | 72142L35P | 72240L25TP | 72420L25TP |
| 7208L20PDG | 72142L50P | 72401L10P | |
| 7208L25P | 72200L10TP | 72401L10PDG | |
| 7208L25PI | 72200L15TP | 72401L15P | |