



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

PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: **TB1012-02** DATE: **2/10/2011**
 Product Affected: FCBGA-304, 324, 360, 400, 472, 479,
 484, 576, 616, 672, 676, 784, 900, 936,
 960, 1156, 1192, 1241, 1365, 1517,
 SBGA-272, 288, 304, 320, 352, 372,
 420, 500, 854, TQFP-144, PQFP-208,
 PBGA-640
 Date Effective: **5/10/2011**

MEANS OF DISTINGUISHING CHANGED DEVICES:
 Product Mark
 Back Mark
 Date Code
 Other Shipment starting from 5/10/11

Contact: Geoffrey Cortes
 Title: Product Quality
 Phone #: (408) 284-8321
 Fax #: (408) 284-1450
 E-mail: Geoffrey.Cortes@idt.com

Attachment: Yes No
 Samples: Contact your local IDT sales representative for
 sample 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 type="checkbox"/> Material
<input type="checkbox"/> Testing
<input type="checkbox"/> Manufacturing Site
<input type="checkbox"/> Data Sheet
<input checked="" type="checkbox"/> Other - Product Top Mark | <p>This notification is to advise our customers that IDT plans to introduce LASER TOP MARK as replacement to INK TOP MARK on selective package types as mentioned above.</p> <p>During the transition period, shipment to customer will contain either Ink or Laser top mark only. There will be no mixing of ink and laser mark in one shipment.</p> <p>Attachment 1 outlines the details of change.
Attachment 2 shows the affected part numbers.</p> |
|---|---|

RELIABILITY/QUALIFICATION SUMMARY:

N/A

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 1 - PCN #: TB1012-02

PCN Type: Product Top Mark
Data Sheet Change: None
No change in moisture sensitivity level (MSL)

Detail Of Change:

This notification is to advise our customers that IDT plans to introduce LASER TOP MARK as replacement to INK TOP MARK on selective package types. Refer to below pictures for an example that illustrates the appearance difference between INK TOP MARK versus LASER TOP MARK.

From: INK TOP MARK



To: LASER TOP MARK



Customers may expect to receive shipments in laser top mark materials no sooner than 90 days from the date of this notification. Shipments to customers may contain either ink or laser top mark materials only during the transition period or until the ink mark inventory has been depleted. However, there will be no mixing of ink and laser top mark materials in one single shipment.

We request you to acknowledge receipt of this notification within 30 days of the date of this PCN notification. If you require samples to conduct an evaluation, please make your sample request within 30 days as samples are not built ahead of the change for all device options. You may contact your local sales representative to acknowledge this PCN and request samples.



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ATTACHMENT 2 - PCN #: TB1012-02

Affected Part Number

IDT Part Number	IDT Part Number	IDT Part Number	IDT Part Number
70K2000BR	82P2816BHG8	89H34H16G2ZCBL	89HI0524G2PSZCALG8
70K2000BRI	82P2821BH	89H34H16G2ZCBLG	89HM0624G2PSZBALG
76P2500BX	82P2821BHG	89H34H16G2ZCBLGI	89HPES16H16ZABL
76P2500RX	82P2828BH	89H34H16G2ZCBLI	89HPES16H16ZABLI
79R4650-133DP	82P2828BHG	89H48H12AG2ZCBL	89HPES16H16ZABR
79RC64T575-250DP	82P9832BH	89H48H12AG2ZCBLG	89HPES16H16ZABRI
79RV5000-200BS272	82P9832BH8	89H48H12AG2ZCBLGI	89HPES16T16ZABL
79RV5000-200BS272/	82P9832BHG	89H48H12AG2ZCBLI	89HPES16T16ZABR
79RV5000-200BS2728	82P9832BHG8	89H48H12BG2ZCBL	89HPES16T4AG2ALGI
79RV5000-200BS272C	82P9833BH	89H48H12BG2ZCBLG	89HPES16T4AG2ALGI8
80KFC1002BR	82P9833BH8	89H48H12BG2ZCBLI	89HPES16T4AG2ZBAL
80KFC1002BR8	82P9833BHG	89H48H12G2ZCBL	89HPES16T4AG2ZBAL8
80KFC1002BRI	82P9833BHG8	89H48H12G2ZCBL8	89HPES16T4AG2ZBALG
80KFC1002BRI8	88K8483BRI	89H48H12G2ZCBLG	89HPES16T4AG2ZBALI
80KSBR200BR	88K8483CBRI	89H48H12G2ZCBLG8	89HPES16T4AG2ZCAL
80KSBR201BR	88K8483CBRI8	89H48H12G2ZCBLGI	89HPES16T4AG2ZCAL8
80KSBR201BR8	89H16T4BG2ZBBX	89H48H12G2ZCBLGI8	89HPES16T4AG2ZCALG
80KSBR201BRI	89H16T4BG2ZBBX8	89H48H12G2ZCBLI	89HPES16T4AG2ZCALI
80KSBR201BRI8	89H16T4BG2ZBBXG	89H48H12G2ZCBLI8	89HPES16T4G2ZABX
80KSW0001AR	89H16T4BG2ZBBXG8	89H48T12G2ZCBL	89HPES16T4G2ZABX8
80KSW0001ARI	89H16T4BG2ZBBXGI	89H48T12G2ZCBL8	89HPES16T4G2ZABXG
80KSW0001BR	89H16T4BG2ZBBXGI8	89H48T12G2ZCBLG	89HPES16T4G2ZABXG8
80KSW0001BRI	89H16T4BG2ZBBXI	89H48T12G2ZCBLG8	89HPES16T4G2ZBBX
80KSW0002AR	89H16T4BG2ZBBXI8	89H48T12G2ZCBLGI	89HPES16T4G2ZBBX8
80KSW0002ARI	89H22H16G2ZCBL	89H48T12G2ZCBLGI8	89HPES16T4G2ZBBXG
80KSW0003AR	89H22H16G2ZCBLG	89H48T12G2ZCBLI	89HPES16T4G2ZBBXG8
80KSW0003ARI	89H22H16G2ZCBLGI	89H48T12G2ZCBLI8	89HPES16T4G2ZBBXGI
80KSW0004AR	89H22H16G2ZCBLI	89H64H16AG2ZCBL	89HPES16T4G2ZBBXI
80KSW0004ARI	89H32H8G2ZCBL	89H64H16AG2ZCBLG	89HPES16T4G2ZBBXI8
80KSW0005BR	89H32H8G2ZCBL8	89H64H16AG2ZCBLGI	89HPES16T7ZHBX
80KSW0005BR8	89H32H8G2ZCBLG	89H64H16AG2ZCBLI	89HPES16T7ZHBXG
80KSW0005BRI	89H32H8G2ZCBLG8	89H64H16G2ZCBL	89HPES16T7ZHBXGI
80KSW0005BRI8	89H32H8G2ZCBLGI	89H64H16G2ZCBLG	89HPES22H16ZABL
80KSW0006BR	89H32H8G2ZCBLGI8	89H64H16G2ZCBLGI	89HPES22H16ZABLI
80KSW0006BR8	89H32H8G2ZCBLI	89H64H16G2ZCBLI	89HPES22H16ZABR
80KSW0006BRI	89H32H8G2ZCBLI8	89HA0324APSZGBXG	89HPES22H16ZABRI
80KSW0006BRI8	89H32T8G2ZCBL	89HA0324PSYDBXG	89HPES22T16ZABL
82P2521BBH	89H32T8G2ZCBL8	89HA0716PSZHBX	89HPES22T16ZABR
82P2521BH	89H32T8G2ZCBLG	89HA0716PSZHBX8	89HPES24N3A1ZCBX
82P2521BH-ECI	89H32T8G2ZCBLG8	89HA0716PSZHBXG	89HPES24N3A1ZCBX8
82P2521BHG	89H32T8G2ZCBLGI	89HA0716PSZHBXG8	89HPES24N3A1ZCBXG
82P2816BH	89H32T8G2ZCBLGI8	89HF32P08G2ZABL	89HPES24N3A1ZCBXG8
82P2816BH8	89H32T8G2ZCBLI	89HF32P08G2ZABLG	89HPES24N3A1ZCBXGI
82P2816BHG	89H32T8G2ZCBLI8	89HI0524G2PSZCALG	89HPES24N3A1ZCBXI



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IDT Part Number	IDT Part Number	IDT Part Number	IDT Part Number
89HPES24N3A1ZCBX18	89HPES24T3G2ZCALI8	89HPES34T16ZABL	ZSF202Q-B
89HPES24N3A2ZCBX	89HPES24T61ZCBX	89HPES34T16ZABR	ZTM202C-A
89HPES24N3A2ZCBX8	89HPES24T61ZCBX8	89HPES48H12ZABL	ZTM202C-A1
89HPES24N3A2ZCBXG	89HPES24T61ZCBXG	89HPES48H12ZABLI	ZTM202D-A
89HPES24N3A2ZCBXG8	89HPES24T61ZCBXG8	89HPES48H12ZABR	ZTM202D-A2
89HPES24N3A2ZCBXGI	89HPES24T61ZCBXGI	89HPES48H12ZABRI	
89HPES24N3A2ZCBXI	89HPES24T61ZCBXGI8	89HPES48T12ZABL	
89HPES24N3A2ZCBX18	89HPES24T61ZCBXI	89HPES48T12ZABLI	
89HPES24N3AZCBX	89HPES24T61ZCBX18	89HPES48T12ZABR	
89HPES24N3AZCBXG	89HPES24T6G2ZBAL	89HPES48T12ZABRI	
89HPES24N3AZGBX	89HPES24T6G2ZBAL8	89HPES4T4G2ZBAL	
89HPES24N3AZGBXG	89HPES24T6G2ZBALG	89HPES4T4G2ZBAL8	
89HPES24N3YCBX	89HPES24T6G2ZBALG8	89HPES4T4G2ZBALG	
89HPES24N3YCBXG	89HPES24T6G2ZBALGI	89HPES4T4G2ZBALG8	
89HPES24N3YDBX	89HPES24T6G2ZBALI	89HPES4T4G2ZBALGI	
89HPES24N3YDBXG	89HPES24T6G2ZBALI8	89HPES4T4G2ZBALGI8	
89HPES24NT3ZBBX	89HPES24T6G2ZBBL	89HPES4T4G2ZBALI	
89HPES24NT3ZBBX8	89HPES24T6G2ZBBL8	89HPES4T4G2ZBALI8	
89HPES24NT3ZBBXG	89HPES24T6G2ZBBLG	89HPES4T4G2ZCAL	
89HPES24NT3ZBBXG8	89HPES24T6G2ZBBLG8	89HPES4T4G2ZCAL8	
89HPES24NT3ZBBXGI	89HPES24T6G2ZBBLGI	89HPES4T4G2ZCALG	
89HPES24NT3ZBBXGI8	89HPES24T6G2ZBBLI	89HPES4T4G2ZCALG8	
89HPES24NT3ZBBXI	89HPES24T6G2ZBBLI8	89HPES4T4G2ZCALGI	
89HPES24NT3ZBBX18	89HPES24T6G2ZCAL	89HPES4T4G2ZCALGI8	
89HPES24T3G2ZBAL	89HPES24T6G2ZCAL8	89HPES4T4G2ZCALI	
89HPES24T3G2ZBAL8	89HPES24T6G2ZCALG	89HPES4T4G2ZCALI8	
89HPES24T3G2ZBALG	89HPES24T6G2ZCALG8	89HPES64H16ZABL	
89HPES24T3G2ZBALG8	89HPES24T6G2ZCALGI	89HPES64H16ZABLI	
89HPES24T3G2ZBALGI	89HPES24T6G2ZCALI	89HPES64H16ZABR	
89HPES24T3G2ZBALI	89HPES24T6G2ZCALI8	89HPES64H16ZABRI	
89HPES24T3G2ZBALI8	89HPES24T6ZCBX	89HPES6T6G2ZCAL	
89HPES24T3G2ZBBL	89HPES24T6ZCBXG	89HPES6T6G2ZCAL8	
89HPES24T3G2ZBBL8	89HPES24T6ZGBX	89HPES6T6G2ZCALG	
89HPES24T3G2ZBBLG	89HPES24T6ZGBXG	89HPES6T6G2ZCALG8	
89HPES24T3G2ZBBLG8	89HPES32T8ZHBX	89HPES6T6G2ZCALGI	
89HPES24T3G2ZBBLGI	89HPES32T8ZHBXG	89HPES6T6G2ZCALGI8	
89HPES24T3G2ZBBLI	89HPES33H13ZABL	89HPES6T6G2ZCALI	
89HPES24T3G2ZBBLI8	89HPES33H13ZABLI	89HPES6T6G2ZCALI8	
89HPES24T3G2ZCAL	89HPES33H13ZABR	89TTM552BL	
89HPES24T3G2ZCAL8	89HPES33H13ZABRI	89TTM553BL	
89HPES24T3G2ZCALG	89HPES34H16ZABL	TSI301-400CE	
89HPES24T3G2ZCALG8	89HPES34H16ZABLI	TSI310A-133CE	
89HPES24T3G2ZCALGI	89HPES34H16ZABR	ZSF200X-A	
89HPES24T3G2ZCALI	89HPES34H16ZABRI	ZSF200X-A/M	