



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

## PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: **A1706-01**                      DATE: **10-Jul-2017**  
Product Affected: FCCSP and FCBGA  
Refer to Attachment II for the affected part numbers

MEANS OF DISTINGUISHING CHANGED DEVICES:  
 Product Mark                      Bumping location is traceabled through  
 Back Mark                              Assembly Lot#.  
 Date Code  
 Other

Date Effective:                      **This is an advance PCN. The effective date will be advised in Final PCN.**

Contact:                      IDT PCN DESK                      Attachment:                       Yes                       No

E-mail:                      [pcndesk@idt.com](mailto:pcndesk@idt.com)                      Samples:                      Please contact your local sales representative for sample request.

**DESCRIPTION AND PURPOSE OF CHANGE:**

- Die Technology
  - Wafer Fabrication Process
  - Assembly Process
  - Equipment
  - Material
  - Testing
  - Manufacturing Site
  - Data Sheet
  - Other
- This is an advance notification to advise our customers that IDT is transferring the affected products wafer bumping for 300mm wafer size at Amkor, Taiwan (ATT T5) to Amkor, Taiwan (ATT T1) as ATT T5 will discontinue the bumping process by January 2018.
- Attachment II shows the affected list of part numbers.
- A Final PCN will be issued once qualification is completed. The qualification data and PCN effective date will be shown on the final PCN.

**RELIABILITY/QUALIFICATION SUMMARY:**

Report will be available upon qualification completion.

**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: \_\_\_\_\_



**PRODUCT/PROCESS CHANGE NOTICE (PCN)**

**ATTACHMENT I - PCN # : A1706-01**

**PCN Type:** Manufacturing Site - Transfer Bumping Location  
**Data Sheet Change:** None  
**Detail Of Change:**

This is an advance notification to advise our customers that IDT is transferring the affected products wafer bumping for 300mm wafer size at Amkor, Taiwan T5 (ATT T5) to Amkor, Taiwan T1 (ATT T1) as ATT T5 will discontinue the bumping process by January 2018.

There will be no change in form, fit and function of the products including RoHS compliance and MSL rating.

During the transition period, IDT will continue to support customer shipments with inventory built at ATT T5 facility and does not anticipate any impact on the product availability.

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. Please contact your IDT sales representative to request samples or for additional information.

A Final PCN will be issued once qualification is completed. The qualification data and PCN effective date will be shown on the final PCN.

Table 1: Qualification Schedule

Package	Samples Available	Expected Qualification Completion	First Production Shipment
FCCSP	1-Dec-17	31-Oct-17	15-Jan-18
FCBGA	1-Dec-17	31-Oct-17	15-Jan-18



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### ATTACHMENT II - PCN # : A1706-01

#### Affected Part Numbers

Part Number	Part Number	Part Number	Part Number
4DB0124KB1AVG	89H24NT24G2ZCHLG	89H32NT24BG2ZCHLGI	89H64H16AG2ZCBLG
4DB0124KB1AVG8	89H24NT24G2ZCHLG8	89H32NT8AG2ZBHLG	89H64H16AG2ZCBLGI
4RCD0124KC0ATG	89H24NT24G2ZCHLGI	89H32NT8AG2ZBHLG8	89H64H16G2ZCBLG
4RCD0124KC0ATG8	89H24NT24G2ZCHLGI8	89H32NT8AG2ZBHLGI	89H64H16G3YCBLG
4RCD0124KC0ATG8/M	89H24NT6AG2ZAHLG	89H32NT8AG2ZCHLG	89HAL808G2ZCHLGI
80HCPS1432CRM/AL	89H24NT6AG2ZAHLG8	89H32NT8AG2ZCHLG8	89HAL808G2ZCHLGI8
80HCPS1616CHRI	89H24NT6AG2ZAHLGI	89H32NT8AG2ZCHLGI	89HI0524G2PSZCALG
80HCPS1616RM	89H24NT6AG2ZAHLGI8	89H32NT8BG2ZBHLGI	89HPES16T4AG2ALGI
80HCPS1616RMI	89H24NT6AG2ZBHLG	89H32NT8BG2ZCHLG	89HPES16T4AG2ZCALG
80HCPS1848CBRI-5	89H24NT6AG2ZBHLG8	89H32NT8BG2ZCHLGI	89HPES24T3G2ZCALG
80HCPS1848CBRI-L	89H24NT6AG2ZCHLG	89H32NT8BG2ZCHLGI5	89HPES24T3G2ZCALGI
80HCPS1848CRM/AL	89H24NT6AG2ZCHLG8	89H32T8G2ZCBLG	89HPES24T6G2ZCALG
80HCPS1848CRMI-5	89H24NT6AG2ZCHLGI	89H32T8G2ZCBLG8	89HPES24T6G2ZCALG8
89H12NT12G2ZCHLG	89H32H8G2ZCBLG	89H32T8G2ZCBLGI	89HPES24T6G2ZCALGI
89H12NT12G2ZCHLGI	89H32H8G2ZCBLG8	89H34H16G2ZCBLG	89HPES34H16ZABLG
89H12NT12G2ZCHLGI8	89H32H8G2ZCBLGI	89H48H12AG2ZCBLG	89HPES4T4G2ZCALG
89H16NT16G2ZCHLG	89H32H8G2ZCBLGI8	89H48H12AG2ZCBLGI	89HPES4T4G2ZCALGI
89H16NT16G2ZCHLG8	89H32NT24AG2ZBHLG	89H48H12G2ZCBLG	89HPES64H16ZABLG
89H16NT16G2ZCHLGI	89H32NT24AG2ZBHLGI	89H48H12G2ZCBLGI	89HPES6T6G2ZCALG
89H16NT16G2ZCHLGI8	89H32NT24AG2ZCHLG	89H48H12G2ZDBLG	89HPES6T6G2ZCALGI
89H16T16AG2ZCHLG	89H32NT24AG2ZCHLGI	89H48T12G2ZCBLG	TSI721-16GCLY
89H24NT24G2ZBHLG	89H32NT24BG2ZCHLG	89H48T12G2ZCBLGI	TSI721-16GILY