



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

## PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: **A-0504-02R2**      DATE: 08/03/05  
 Product Affected: Please see attachment  
  
 Date Effective: 9/2/2005

MEANS OF DISTINGUISHING CHANGED DEVICES:  
 Product Mark  
 Back Mark      Lot # will have "C" prefix  
 Date Code  
 Other

Contact: Geoffrey Cortes  
 Title: Corporate Quality & Reliability  
 Phone #: (408) 284-8321  
 Fax #: (408) 284-1450  
 E-mail: [Geoffrey.Cortes@idt.com](mailto:Geoffrey.Cortes@idt.com)

Attachment:       Yes       No  
  
 Samples: Please contact your local sales representative for sample request & availability.

**DESCRIPTION AND PURPOSE OF CHANGE:**

- Die Technology
- Wafer Fabrication Process
- Assembly Process
- Equipment
- Material
- Testing
- Manufacturing Site
- Data Sheet
- Other

This notification is a follow-up letter advising our customers that IDT have completed the Group 1 and 2 qualifications of PCN # A-0504-02, transfer qualification of the assembly of selective plastic package from IDT Manila, Philippines facility to OSE Philippines, an IDT qualified assembly subcontractor.  
  
 Attachment 1 outlines the qualification plan and actual qual data  
 Attachment 2 shows the affected device list  
 For Group 3 Qual data, please refer to PCN # A-0504-02R1

**RELIABILITY/QUALIFICATION SUMMARY:**

Please see attachment 1 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 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: \_\_\_\_\_



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

### **ATTACHMENT 1 - PCN # : A-0504-02R2**

**PCN Type:** Assembly Transfer

**Data Sheet Change:** None.

**Detail Of Change:**

This notification is a follow-up letter advising our customers that IDT have completed the Group 1 and 2 qualifications of PCN # A-0504-02, transfer qualification of the assembly of selective plastic package from IDT Manila, Philippines facility to OSE Philippines, an IDT qualified assembly subcontractor.

Attachment 1 outlines the qualification plan and actual qual data  
Attachment 2 shows the affected device list

There are no datasheet or Moisture Sensitive Level (MSL) changes due to this change. We do not expect customers to be adversely impacted by this change.

Customer may expect to receive shipments no sooner than 30 days from the date of this notification.

**For Group 3 qualification data, please refer to PCN # A-0504-02R1, issued on July 27, 2005.**



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

**ATTACHMENT 1 - PCN # : A-0504-02R2**

**Qualification Test Plan and Qualification Data**

**GROUP 1:**

- Affected Packages:** SOIC 20 (PS20), TSSOP (PA48) and PLCC 32 (PL32)  
**Assembly Material:** The affected package types will be assembled using the same mold compound and die attach material as IDT Manila facility.  
**Sample Availability:** Samples are already available for customer evaluation, but may not be available for all affected devices.  
 Please contact your local IDT sales representative for your sample request and availability.

**Qualification Test Plan and Data:**

Following tests were performed on each package family (SOIC, TSSOP, and PLCC)

| <b>Test Description</b>  | <b>Test Method</b>  | <b>Qual Data SS/Rej</b> |
|--|---------------------|-------------------------|
| * High Accelerated Stress Test<br>(Biased, 130 °C/85% RH, 100 Hrs) | JESD22-A110-B       | 45/0<br>(Pass)          |
| * Temperature Cycling<br>(-55 °C to 125 °C, 1000 cycles)           | JESD22-A104-B       | 45/0<br>(Pass)          |
| * Auto Clave<br>(121 °C, 2 ATM, 168 Hrs)                           | JESD22-A102-C       | 45/0<br>(Pass)          |
| Physical Dimensions  | JESD22-B100-B       | 5/0 (Pass)              |
| Internal Visual Inspection   | MIL-STD-883, M 2010 | 5/0 (Pass)              |
| External Visual Inspection   | JESD22-B101         | 25/0 (Pass)             |
| Resistance to Solvents   | MIL-STD-883, M 2015 | 3/0 (Pass)              |
| Bake & Ball Shear Test   | JESD22-B116         | 5/0 (Pass)              |
| Bond Pull Test   | MIL-STD-883, M 2011 | 5/0 (Pass)              |
| S.A.T  | J-STD-035           | 10/0 (Pass)             |
| X-ray Examination  | MIL-STD-883, M 2015 | 45/0 (Pass)             |
| ** Moisture Sensitivity Classification                             | J-STD-020C          | 45/0 (Pass)             |

- Notes:** \* Test requires moisture pre-conditioning sequence per JESD22-A113C.  
 \*\* There was no change to the existing MSL.



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

**ATTACHMENT 1 - PCN # : A-0504-02R2**

**Qualification Test Plan and Qualification Data:**

**GROUP 2:**

The assembly equipment for this package grouping will be transferred from IDT Manila facility to OSE, Philippines facility.

**Affected Packages:** SSOP - DJ48, DM80  
TSSOP - PG24, PA56  
SOJ - PJ28, PJ32, PB28, PB32, PB36, and PB44

**Assembly Material and Equipment:** The affected package types will be assembled using the same mold compound, die attach material, and equipment as IDT Manila facility.

**Sample Availability:** Samples are already available for customer evaluation, but may not be available for all affected devices.  
Please contact your local IDT sales representative for your sample request and availability.

**Qualification Test Plan and Data:**

Following tests were performed on each package family (SSOP, TSSOP, and SOJ)

| Test Description                       | Test Method         | Qual Data SS/Rej |
|--|---------------------|------------------|
| Physical Dimensions                    | JESD22-B100-B       | 5/0 (Pass)       |
| Internal Visual Inspection             | MIL-STD-883, M 2010 | 5/0 (Pass)       |
| External Visual Inspection             | JESD22-B101         | 25/0 (Pass)      |
| Resistance to Solvents                 | MIL-STD-883, M 2015 | 3/0 (Pass)       |
| Bake & Ball Shear Test                 | JESD22-B116         | 5/0 (Pass)       |
| Bond Pull Test                         | MIL-STD-883, M 2011 | 5/0 (Pass)       |
| S.A.T                                  | J-STD-035           | 10/0 (Pass)      |
| X-ray Examination                      | MIL-STD-883, M 2015 | 45/0 (Pass)      |
| ** Moisture Sensitivity Classification | J-STD-020C          | 45/0 (Pass)      |

**Notes: \*\* There was no change to the existing MSL.**



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## PRODUCT/PROCESS CHANGE NOTICE (PCN)

### ATTACHMENT 2 - PCN # : A-0504-02R2

Group - 1

|                  |               |               |               |                |                     |
|------------------|---------------|---------------|---------------|----------------|---------------------|
| IDT49FCT3805ASO  | IDT7202LA15J  | IDT7207L50J   | IDT72421L25J  | IDT72V04L35J   | IDT72V84L20PA       |
| IDT49FCT3805ASOI | IDT7202LA15JI | IDT7208L20J   | IDT72421L25JI | IDT72V05L15J   | IDT72V85L15PA       |
| IDT49FCT3805SO   | IDT7202LA20J  | IDT7208L25J   | IDT7280L12PA  | IDT72V05L25J   | IDT72V85L20PA       |
| IDT49FCT3805SOI  | IDT7202LA25J  | IDT7208L25JI  | IDT7280L15PA  | IDT72V05L25JI  | IDT74ALVC162244PA   |
| IDT49FCT805ASO   | IDT7202LA25JI | IDT7208L35J   | IDT7280L15PAI | IDT72V05L35J   | IDT74ALVC162245PA   |
| IDT49FCT805ASOI  | IDT7202LA35J  | IDT72201L10J  | IDT7280L20PA  | IDT72V06L15J   | IDT74ALVC162334PA   |
| IDT49FCT805BTSO  | IDT7202LA50J  | IDT72201L15J  | IDT7281L12PA  | IDT72V06L25J   | IDT74ALVC16244APA   |
| IDT49FCT805CTSO  | IDT7203L12J   | IDT72201L15JI | IDT7281L15PA  | IDT72V06L25JI  | IDT74ALVC16245PA    |
| IDT49FCT805SO    | IDT7203L15J   | IDT72201L25J  | IDT7281L15PAI | IDT72V06L35J   | IDT74ALVC162835PA   |
| IDT49FCT805SOI   | IDT7203L15JI  | IDT72201L25JI | IDT7281L20PA  | IDT72V201L10J  | IDT74ALVC162836PA   |
| IDT49FCT806ASO   | IDT7203L20J   | IDT72211L10J  | IDT7282L12PA  | IDT72V201L15J  | IDT74ALVC164245PA   |
| IDT49FCT806BTSO  | IDT7203L25J   | IDT72211L15J  | IDT7282L15PA  | IDT72V201L15JI | IDT74ALVC16835PA    |
| IDT49FCT806CTSO  | IDT7203L25JI  | IDT72211L15JI | IDT7282L15PAI | IDT72V201L20J  | IDT74ALVC16841PA    |
| IDT49FCT806SO    | IDT7203L35J   | IDT72211L25J  | IDT7282L20PA  | IDT72V211L10J  | IDT74ALVC245SO      |
| IDT5991A-2J      | IDT7203L50J   | IDT72211L25JI | IDT7283L12PA  | IDT72V211L15J  | IDT74ALVCF162835APA |
| IDT5991A-5JI     | IDT7204L12J   | IDT72221L10J  | IDT7283L15PA  | IDT72V211L15JI | IDT74ALVCH162244PA  |
| IDT5991A-7JI     | IDT7204L15J   | IDT72221L15J  | IDT7283L15PAI | IDT72V211L20J  | IDT74ALVCH162245PA  |
| IDT5T9070PAI     | IDT7204L15JI  | IDT72221L15JI | IDT7283L20PA  | IDT72V221L10J  | IDT74ALVCH162268PA  |
| IDT5T907PAI      | IDT7204L20J   | IDT72221L25J  | IDT7284L12PA  | IDT72V221L15J  | IDT74ALVCH162373PA  |
| IDT5T915PAI      | IDT7204L25J   | IDT72221L25JI | IDT7284L15PA  | IDT72V221L15JI | IDT74ALVCH162374PA  |
| IDT5V991A-2J     | IDT7204L25JI  | IDT72231L10J  | IDT7284L15PAI | IDT72V221L20J  | IDT74ALVCH16244PA   |
| IDT5V991A-5JI    | IDT7204L35J   | IDT72231L15J  | IDT7284L20PA  | IDT72V231L10J  | IDT74ALVCH16245PA   |
| IDT5V991A-7JI    | IDT7204L50J   | IDT72231L15JI | IDT7285L12PA  | IDT72V231L15J  | IDT74ALVCH16260PA   |
| IDT5V994JI       | IDT7205L12J   | IDT72231L25J  | IDT7285L15PA  | IDT72V231L15JI | IDT74ALVCH16270PA   |
| IDT7200L12J      | IDT7205L15J   | IDT72231L25JI | IDT7285L15PAI | IDT72V231L20J  | IDT74ALVCH162721PA  |
| IDT7200L15J      | IDT7205L20J   | IDT72241L10J  | IDT7285L20PA  | IDT72V241L10J  | IDT74ALVCH16276PA   |
| IDT7200L15JI     | IDT7205L25J   | IDT72241L15J  | IDT72V01L15J  | IDT72V241L15J  | IDT74ALVCH162820PA  |
| IDT7200L20J      | IDT7205L25JI  | IDT72241L15JI | IDT72V01L25J  | IDT72V241L15JI | IDT74ALVCH162827PA  |
| IDT7200L25J      | IDT7205L35J   | IDT72241L25J  | IDT72V01L25JI | IDT72V241L20J  | IDT74ALVCH16345PA   |
| IDT7200L25JI     | IDT7205L50J   | IDT72241L25JI | IDT72V01L35J  | IDT72V251L10J  | IDT74ALVCH16373PA   |
| IDT7200L35J      | IDT7206L15J   | IDT72251L10J  | IDT72V02L15J  | IDT72V251L15J  | IDT74ALVCH16374PA   |
| IDT7200L50J      | IDT7206L20J   | IDT72251L15J  | IDT72V02L25J  | IDT72V251L15JI | IDT74ALVCH16501PA   |
| IDT7201LA12J     | IDT7206L25J   | IDT72251L15JI | IDT72V02L25JI | IDT72V251L20J  | IDT74ALVCH16601PA   |
| IDT7201LA15J     | IDT7206L25JI  | IDT72251L25J  | IDT72V02L35J  | IDT72V81L15PA  | IDT74ALVCH16646PA   |
| IDT7201LA15JI    | IDT7206L35J   | IDT72251L25JI | IDT72V03L15J  | IDT72V81L20PA  | IDT74ALVCH16652PA   |
| IDT7201LA20J     | IDT7206L50J   | IDT72413L25SO | IDT72V03L25J  | IDT72V81L20PAI | IDT74ALVCH16721PA   |
| IDT7201LA25J     | IDT7207L15J   | IDT72413L35SO | IDT72V03L25JI | IDT72V82L15PA  | IDT74ALVCH16823PA   |
| IDT7201LA25JI    | IDT7207L20J   | IDT72413L45SO | IDT72V03L35J  | IDT72V82L20PA  | IDT74ALVCH16836PA   |
| IDT7201LA35J     | IDT7207L25J   | IDT72421L10J  | IDT72V04L15J  | IDT72V83L15PA  | IDT74ALVCH16863PA   |
| IDT7201LA50J     | IDT7207L25JI  | IDT72421L15J  | IDT72V04L25J  | IDT72V83L20PA  | IDT74ALVCH16903PA   |
| IDT7202LA12J     | IDT7207L35J   | IDT72421L15JI | IDT72V04L25JI | IDT72V84L15PA  | IDT74ALVCH16952PA   |



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## PRODUCT/PROCESS CHANGE NOTICE (PCN)

### ATTACHMENT 2 - PCN # : A-0504-02R2

Group - 1

|                      |                     |                    |                   |                  |
|----------------------|---------------------|--------------------|-------------------|------------------|
| IDT74ALVCHR162245PA  | IDT74FCT16244CTPA   | IDT74FCT163344APA  | IDT74FCT16823ATPA | IDT74FCT273CTSO  |
| IDT74ALVCHR162269APA | IDT74FCT16245ATPA   | IDT74FCT163344CPA  | IDT74FCT16823CTPA | IDT74FCT299ASO   |
| IDT74ALVCHR16501PA   | IDT74FCT16245CTPA   | IDT74FCT163373APA  | IDT74FCT16823ETPA | IDT74FCT299ATSO  |
| IDT74ALVCHR16601PA   | IDT74FCT16245ETPA   | IDT74FCT163373CPA  | IDT74FCT16827ATPA | IDT74FCT299CTSO  |
| IDT74AUC16245PAI     | IDT74FCT162501ATPA  | IDT74FCT163374APA  | IDT74FCT16827CTPA | IDT74FCT3244ASO  |
| IDT74AUC16373PAI     | IDT74FCT162501CTPA  | IDT74FCT163374CPA  | IDT74FCT16841ATPA | IDT74FCT3244SO   |
| IDT74AUC16374PAI     | IDT74FCT162511ATPA  | IDT74FCT163501APA  | IDT74FCT16841CTPA | IDT74FCT3245ASO  |
| IDT74AUC164245PAI    | IDT74FCT162511CTPA  | IDT74FCT163501CPA  | IDT74FCT16952ATPA | IDT74FCT3245SO   |
| IDT74AUCH16245PAI    | IDT74FCT162543ATPA  | IDT74FCT163543APA  | IDT74FCT16952CTPA | IDT74FCT3573ASO  |
| IDT74AUCR16245PAI    | IDT74FCT162543CTPA  | IDT74FCT163543CPA  | IDT74FCT16952ETPA | IDT74FCT3573SO   |
| IDT74CBTLV16210PA    | IDT74FCT16260ATPA   | IDT74FCT163601APA  | IDT74FCT2240ATSO  | IDT74FCT3574ASO  |
| IDT74CBTLV16211PA    | IDT74FCT16260CTPA   | IDT74FCT163646APA  | IDT74FCT2240CTSO  | IDT74FCT3574SO   |
| IDT74CBTLV16212PA    | IDT74FCT16260ETPA   | IDT74FCT163646CPA  | IDT74FCT2244ATSO  | IDT74FCT373ASO   |
| IDT74CBTLV16214PA    | IDT74FCT162646ATPA  | IDT74FCT16373ATPA  | IDT74FCT2244CTSO  | IDT74FCT373ATSO  |
| IDT74CBTLV16245PA    | IDT74FCT162646CTPA  | IDT74FCT16373CTPA  | IDT74FCT2245ATSO  | IDT74FCT373CSO   |
| IDT74CBTLV16292PA    | IDT74FCT162652ATPA  | IDT74FCT16374ATPA  | IDT74FCT2245CTSO  | IDT74FCT373CTSO  |
| IDT74CBTLV16800PA    | IDT74FCT162652CTPA  | IDT74FCT16374CTPA  | IDT74FCT2373ATSO  | IDT74FCT374ASO   |
| IDT74CBTLVR16292PA   | IDT74FCT162823ATPA  | IDT74FCT16374ETPA  | IDT74FCT2373CTSO  | IDT74FCT374ATSO  |
| IDT74FCT162240ATPA   | IDT74FCT162823CTPA  | IDT74FCT163827APA  | IDT74FCT2374ATSO  | IDT74FCT374CSO   |
| IDT74FCT162240CTPA   | IDT74FCT162827ATPA  | IDT74FCT163827CPA  | IDT74FCT2374CTSO  | IDT74FCT374CTSO  |
| IDT74FCT162244ATPA   | IDT74FCT162827CTPA  | IDT74FCT163952APA  | IDT74FCT240ASO    | IDT74FCT374TSO   |
| IDT74FCT162244CTPA   | IDT74FCT162841ATPA  | IDT74FCT163952CPA  | IDT74FCT240ATSO   | IDT74FCT377ATSO  |
| IDT74FCT162244ETPA   | IDT74FCT162841CTPA  | IDT74FCT164245TPA  | IDT74FCT240CSO    | IDT74FCT377CTSO  |
| IDT74FCT162245ATPA   | IDT74FCT162952ATPA  | IDT74FCT16500ATPA  | IDT74FCT240CTSO   | IDT74FCT377DTSO  |
| IDT74FCT162245CTPA   | IDT74FCT162952CTPA  | IDT74FCT16500CTPA  | IDT74FCT244ASO    | IDT74FCT3807ASO  |
| IDT74FCT162260ATPA   | IDT74FCT162952ETPA  | IDT74FCT16501ATPA  | IDT74FCT244ATSO   | IDT74FCT3807ASOI |
| IDT74FCT162260CTPA   | IDT74FCT162H244ATPA | IDT74FCT16501CTPA  | IDT74FCT244CSO    | IDT74FCT3807SO   |
| IDT74FCT162260ETPA   | IDT74FCT162H244CTPA | IDT74FCT16543ATPA  | IDT74FCT244CTSO   | IDT74FCT3807SOI  |
| IDT74FCT162344ATPA   | IDT74FCT162H245ATPA | IDT74FCT16543CTPA  | IDT74FCT244TSO    | IDT74FCT521ASO   |
| IDT74FCT162344CTPA   | IDT74FCT162H245CTPA | IDT74FCT16543ETPA  | IDT74FCT245ASO    | IDT74FCT521ATSO  |
| IDT74FCT162344ETPA   | IDT74FCT162H272ATPA | IDT74FCT16601ATPA  | IDT74FCT245ATSO   | IDT74FCT521CSO   |
| IDT74FCT162373ATPA   | IDT74FCT162H272CTPA | IDT74FCT16601CTPA  | IDT74FCT245CSO    | IDT74FCT521CTSO  |
| IDT74FCT162373CTPA   | IDT74FCT162H501ATPA | IDT74FCT166244ATPA | IDT74FCT245CTSO   | IDT74FCT534ATSO  |
| IDT74FCT162373ETPA   | IDT74FCT162H501CTPA | IDT74FCT166244CTPA | IDT74FCT245TSO    | IDT74FCT534CTSO  |
| IDT74FCT162374ATPA   | IDT74FCT162H952ATPA | IDT74FCT166245ATPA | IDT74FCT2541ATSO  | IDT74FCT540ATSO  |
| IDT74FCT162374CTPA   | IDT74FCT162H952CTPA | IDT74FCT166245TPA  | IDT74FCT2541CTSO  | IDT74FCT540CTSO  |
| IDT74FCT162374ETPA   | IDT74FCT162H952ETPA | IDT74FCT16646ATPA  | IDT74FCT2573ATSO  | IDT74FCT541ASO   |
| IDT74FCT16240ATPA    | IDT74FCT163244APA   | IDT74FCT16646CTPA  | IDT74FCT2573CTSO  | IDT74FCT541ATSO  |
| IDT74FCT16240CTPA    | IDT74FCT163244CPA   | IDT74FCT16646ETPA  | IDT74FCT2574ATSO  | IDT74FCT541CSO   |
| IDT74FCT16240ETPA    | IDT74FCT163245APA   | IDT74FCT16652ATPA  | IDT74FCT2574CTSO  | IDT74FCT541CTSO  |
| IDT74FCT16244ATPA    | IDT74FCT163245CPA   | IDT74FCT16652CTPA  | IDT74FCT273ATSO   | IDT74FCT573ASO   |



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**ATTACHMENT 2 - PCN # : A-0504-02R2**

Group - 1

|                    |                     |                    |                    |
|--------------------|---------------------|--------------------|--------------------|
| IDT74FCT573ATSO    | IDT74LVC16841APA    | IDT821621J         | IDTQS74FCT2240CTSO |
| IDT74FCT573CSO     | IDT74LVC16952APA    | IDTCSPT857APA      | IDTQS74FCT2240TSO  |
| IDT74FCT573CTSO    | IDT74LVC2244ASO     | IDTCSPT857CPA      | IDTQS74FCT2244ATSO |
| IDT74FCT574ASO     | IDT74LVC2245ASO     | IDTCSPT857CPAI     | IDTQS74FCT2244CTSO |
| IDT74FCT574ATSO    | IDT74LVC244ASO      | IDTCSPT857DPA      | IDTQS74FCT2244TSO  |
| IDT74FCT574CSO     | IDT74LVC245ASO      | IDTCSPT857DPAI     | IDTQS74FCT2245ATSO |
| IDT74FCT574CTSO    | IDT74LVC273ASO      | IDTCSPT857PA       | IDTQS74FCT2245CTSO |
| IDT74FCT621ATSO    | IDT74LVC374ASO      | IDTCSPT857PAI      | IDTQS74FCT2245TSO  |
| IDT74FCT621TSO     | IDT74LVC377ASO      | IDTCV110JPA        | IDTQS74FCT2374ATSO |
| IDT74FCT807BTSO    | IDT74LVC541ASO      | IDTCV1111IPA       | IDTQS74FCT2374CTSO |
| IDT74FCT807BTSOI   | IDT74LVC573ASO      | IDTCV125PA         | IDTQS74FCT2374TSO  |
| IDT74FCT807CTSO    | IDT74LVC574ASO      | IDTCV126PA         |                    |
| IDT74FCT807CTSOI   | IDT74LVCH162244APA  | IDTCV128PA         |                    |
| IDT74FCT810BTSO    | IDT74LVCH162245APA  | IDTCV133PA         |                    |
| IDT74FCT810CTSO    | IDT74LVCH162373APA  | IDTCV136PA         |                    |
| IDT74FST163209PA   | IDT74LVCH162374APA  | IDTCV137PA         |                    |
| IDT74FST163211PA   | IDT74LVCH16244APA   | IDTCV140PA         |                    |
| IDT74FST163212PA   | IDT74LVCH16245APA   | IDTCV141PA         |                    |
| IDT74FST163214PA   | IDT74LVCH16260APA   | IDTCV142PA         |                    |
| IDT74FST163232PA   | IDT74LVCH162721APA  | IDTCV144PA         |                    |
| IDT74FST163233PA   | IDT74LVCH16276APA   | IDTCV149PA         |                    |
| IDT74FST163244PA   | IDT74LVCH162823APA  | IDTNW6005AS        |                    |
| IDT74FST163245PA   | IDT74LVCH16373APA   | IDTNW6006AS        |                    |
| IDT74FST1632861PA  | IDT74LVCH16374APA   | IDTQS316211PA      |                    |
| IDT74FST163P245PA  | IDT74LVCH16501APA   | IDTQS316212PA      |                    |
| IDT74FST32XL2384PA | IDT74LVCH16543APA   | IDTQS316233PA      |                    |
| IDT74FST32XL384PA  | IDT74LVCH16601APA   | IDTQS32245SO       |                    |
| IDT74GTL16612PA    | IDT74LVCH16646APA   | IDTQS3244SO        |                    |
| IDT74LVC162244APA  | IDT74LVCH16827APA   | IDTQS3245SO        |                    |
| IDT74LVC162245APA  | IDT74LVCH244ASO     | IDTQS3VH16210PA    |                    |
| IDT74LVC162374APA  | IDT74LVCH245ASO     | IDTQS3VH16211PA    |                    |
| IDT74LVC16244APA   | IDT74LVCHR162245APA | IDTQS3VH16212PA    |                    |
| IDT74LVC16245APA   | IDT74LVCHR16501APA  | IDTQS3VH16233PA    |                    |
| IDT74LVC16344APA   | IDT74LVCHR16646APA  | IDTQS3VH16244PA    |                    |
| IDT74LVC16373APA   | IDT74LVCR162245APA  | IDTQS3VH16245PA    |                    |
| IDT74LVC16374APA   | IDT74LVCR16952APA   | IDTQS3VH16800PA    |                    |
| IDT74LVC16501APA   | IDT74SSTV16857PA    | IDTQS3VH16861PA    |                    |
| IDT74LVC16601APA   | IDT74SSTVF16857PA   | IDTQS3VH16862PA    |                    |
| IDT74LVC16646APA   | IDT821004J          | IDTQS3VH245SO      |                    |
| IDT74LVC16823APA   | IDT821024J          | IDTQS74FCT2240ATSO |                    |
| IDT74LVC16827APA   | IDT821611J          | IDTQS74FCT2240CTSO |                    |



Integrated Device Technology, Inc.  
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### ATTACHMENT 2 - PCN # : A-0504-02R2

Group - 2

|                |                 |                  |                |                      |
|----------------|-----------------|------------------|----------------|----------------------|
| IDT5T93GL04PGI | IDT71128S20YI   | IDT71V124SA10TYI | IDT71V424S10YI | IDT72V81L20PA        |
| IDT5V2310PGI   | IDT71256L20Y    | IDT71V124SA10Y   | IDT71V424S12Y  | IDT72V81L20PAI       |
| IDT5V928PGI    | IDT71256L25Y    | IDT71V124SA10YI  | IDT71V424S12YI | IDT72V82L15PA        |
| IDT61298SA12Y  | IDT71256L25YI   | IDT71V124SA12TY  | IDT71V424S15Y  | IDT72V82L20PA        |
| IDT61298SA15Y  | IDT71256L35Y    | IDT71V124SA12TYI | IDT71V424S15YI | IDT72V83L15PA        |
| IDT71016S12Y   | IDT71256L35YI   | IDT71V124SA12Y   | IDT71V428L10Y  | IDT72V83L20PA        |
| IDT71016S12YI  | IDT71256SA12Y   | IDT71V124SA12YI  | IDT71V428L12Y  | IDT72V84L15PA        |
| IDT71016S15Y   | IDT71256SA12YI  | IDT71V124SA15TY  | IDT71V428L12YI | IDT72V84L20PA        |
| IDT71016S15YI  | IDT71256SA15Y   | IDT71V124SA15TYI | IDT71V428L15Y  | IDT72V85L15PA        |
| IDT71016S20Y   | IDT71256SA15YI  | IDT71V124SA15Y   | IDT71V428L15YI | IDT72V85L20PA        |
| IDT71016S20YI  | IDT71256SA20Y   | IDT71V124SA15YI  | IDT71V428S10Y  | IDT74ALVC162835PA    |
| IDT71024S12TY  | IDT71256SA20YI  | IDT71V124SA20TY  | IDT71V428S10YI | IDT74ALVC162836PA    |
| IDT71024S12TYI | IDT71256SA25Y   | IDT71V124SA20TYI | IDT71V428S12Y  | IDT74ALVC16835PA     |
| IDT71024S12Y   | IDT71256SA25YI  | IDT71V124SA20Y   | IDT71V428S12YI | IDT74ALVC16841PA     |
| IDT71024S12YI  | IDT7164L15Y     | IDT71V124SA20YI  | IDT71V428S15Y  | IDT74ALVCF162835APA  |
| IDT71024S15TY  | IDT7164L15YI    | IDT71V256SA10Y   | IDT71V428S15YI | IDT74ALVCH162268PA   |
| IDT71024S15TYI | IDT7164L20Y     | IDT71V256SA10YI  | IDT7280L12PA   | IDT74ALVCH16260PA    |
| IDT71024S15Y   | IDT7164L20YI    | IDT71V256SA12Y   | IDT7280L15PA   | IDT74ALVCH16270PA    |
| IDT71024S15YI  | IDT7164L25YI    | IDT71V256SA12YI  | IDT7280L15PAI  | IDT74ALVCH162721PA   |
| IDT71024S20TY  | IDT7164S15Y     | IDT71V256SA15Y   | IDT7280L20PA   | IDT74ALVCH16276PA    |
| IDT71024S20TYI | IDT7164S15YI    | IDT71V256SA15YI  | IDT7281L12PA   | IDT74ALVCH162820PA   |
| IDT71024S20Y   | IDT7164S20Y     | IDT71V256SA20Y   | IDT7281L15PA   | IDT74ALVCH162827PA   |
| IDT71024S20YI  | IDT7164S20YI    | IDT71V256SA20YI  | IDT7281L15PAI  | IDT74ALVCH16345PA    |
| IDT71024S25Y   | IDT7164S35YI    | IDT71V416L10Y    | IDT7281L20PA   | IDT74ALVCH16501PA    |
| IDT71028S12Y   | IDT71T016SA12Y  | IDT71V416L10YI   | IDT7282L12PA   | IDT74ALVCH16601PA    |
| IDT71028S12YI  | IDT71T016SA12YI | IDT71V416L12Y    | IDT7282L15PA   | IDT74ALVCH16646PA    |
| IDT71028S15Y   | IDT71T016SA15Y  | IDT71V416L12YI   | IDT7282L15PAI  | IDT74ALVCH16652PA    |
| IDT71028S15YI  | IDT71T016SA15YI | IDT71V416L15Y    | IDT7282L20PA   | IDT74ALVCH16721PA    |
| IDT71028S20Y   | IDT71T016SA20Y  | IDT71V416L15YI   | IDT7283L12PA   | IDT74ALVCH16823PA    |
| IDT71028S20YI  | IDT71T016SA20YI | IDT71V416S10Y    | IDT7283L15PA   | IDT74ALVCH16836PA    |
| IDT71124S12Y   | IDT71V016SA10Y  | IDT71V416S10YI   | IDT7283L15PAI  | IDT74ALVCH16863PA    |
| IDT71124S12YI  | IDT71V016SA10YI | IDT71V416S12Y    | IDT7283L20PA   | IDT74ALVCH16903PA    |
| IDT71124S15Y   | IDT71V016SA12Y  | IDT71V416S12YI   | IDT7284L12PA   | IDT74ALVCH16952PA    |
| IDT71124S15YI  | IDT71V016SA12YI | IDT71V416S15Y    | IDT7284L15PA   | IDT74ALVCHR162269APA |
| IDT71124S20Y   | IDT71V016SA15Y  | IDT71V416S15YI   | IDT7284L15PAI  | IDT74ALVCHR16501PA   |
| IDT71124S20YI  | IDT71V016SA15YI | IDT71V424L10Y    | IDT7284L20PA   | IDT74ALVCHR16601PA   |
| IDT71128S12Y   | IDT71V016SA20Y  | IDT71V424L12Y    | IDT7285L12PA   | IDT74CBTLV16211PA    |
| IDT71128S12YI  | IDT71V016SA20YI | IDT71V424L12YI   | IDT7285L15PA   | IDT74CBTLV16212PA    |
| IDT71128S15Y   | IDT71V124S15Y   | IDT71V424L15Y    | IDT7285L15PAI  | IDT74CBTLV16214PA    |
| IDT71128S15YI  | IDT71V124S20Y   | IDT71V424L15YI   | IDT7285L20PA   | IDT74CBTLV16292PA    |
| IDT71128S20Y   | IDT71V124SA10TY | IDT71V424S10Y    | IDT72V81L15PA  | IDT74CBTLV3383PG     |





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## PRODUCT/PROCESS CHANGE NOTICE (PCN)

### ATTACHMENT 2 - PCN # : A-0504-02R2

Group - 2

|                     |                     |                    |                  |               |
|---------------------|---------------------|--------------------|------------------|---------------|
| IDT74CBTLV3384PG    | IDT74FCT162H952CTPA | IDT74FCT3827APG    | IDTCSP2510DPGI   | IDTQS3VH800PA |
| IDT74CBTLV3861PG    | IDT74FCT162H952ETPA | IDT74FCT3827BPG    | IDTCV110JPA      | IDTQS3VH861PA |
| IDT74CBTLV3862PG    | IDT74FCT163344APA   | IDT74FCT827ATPG    | IDTCV111IPA      | IDTQS3VH862PA |
| IDT74CBTLV6800PG    | IDT74FCT163344CPA   | IDT74FCT827CTPG    | IDTCV125PA       | IDTQS4A215Q1  |
| IDT74CBTLVR16292PA  | IDT74FCT163501APA   | IDT74FST163211PA   | IDTCV126PA       |               |
| IDT74CBTLVR3384PG   | IDT74FCT163501CPA   | IDT74FST163212PA   | IDTCV128PA       |               |
| IDT74CBTLVR3861PG   | IDT74FCT163543APA   | IDT74FST163214PA   | IDTCV133PA       |               |
| IDT74CBTLVR3862PG   | IDT74FCT163543CPA   | IDT74FST163232PA   | IDTCV136PA       |               |
| IDT74FCT162260ATPA  | IDT74FCT163601APA   | IDT74FST163233PA   | IDTCV137PA       |               |
| IDT74FCT162260CTPA  | IDT74FCT163646APA   | IDT74FST6800PG     | IDTCV140PA       |               |
| IDT74FCT162260ETPA  | IDT74FCT163646CPA   | IDT74GTLP16612PA   | IDTCV142PA       |               |
| IDT74FCT162344ATPA  | IDT74FCT163827APA   | IDT74GTLP306PGI    | IDTCV144PA       |               |
| IDT74FCT162344CTPA  | IDT74FCT163827CPA   | IDT74GTLP816PGI    | IDTCV149PA       |               |
| IDT74FCT162344ETPA  | IDT74FCT163952APA   | IDT74LVC16344APA   | IDTQS316211PA    |               |
| IDT74FCT162501ATPA  | IDT74FCT163952CPA   | IDT74LVC16501APA   | IDTQS316212PA    |               |
| IDT74FCT162501CTPA  | IDT74FCT16500ATPA   | IDT74LVC16601APA   | IDTQS316233PA    |               |
| IDT74FCT162511ATPA  | IDT74FCT16500CTPA   | IDT74LVC16646APA   | IDTQS32X2384Q1   |               |
| IDT74FCT162511CTPA  | IDT74FCT16501ATPA   | IDT74LVC16823APA   | IDTQS32X2861Q1   |               |
| IDT74FCT162543ATPA  | IDT74FCT16501CTPA   | IDT74LVC16827APA   | IDTQS32X383Q1    |               |
| IDT74FCT162543CTPA  | IDT74FCT16543ATPA   | IDT74LVC16841APA   | IDTQS32X384Q1    |               |
| IDT74FCT16260ATPA   | IDT74FCT16543CTPA   | IDT74LVC16952APA   | IDTQS32X861Q1    |               |
| IDT74FCT16260CTPA   | IDT74FCT16543ETPA   | IDT74LVC4245APG    | IDTQS32XL383Q1   |               |
| IDT74FCT16260ETPA   | IDT74FCT16601ATPA   | IDT74LVC823APG     | IDTQS32XL384Q1   |               |
| IDT74FCT162646ATPA  | IDT74FCT16601CTPA   | IDT74LVC827APG     | IDTQS32XVH384Q1  |               |
| IDT74FCT162646CTPA  | IDT74FCT16646ATPA   | IDT74LVCC3245APG   | IDTQS3384PA      |               |
| IDT74FCT162652ATPA  | IDT74FCT16646CTPA   | IDT74LVCC4245APG   | IDTQS33X253Q1    |               |
| IDT74FCT162652CTPA  | IDT74FCT16646ETPA   | IDT74LVCH16260APA  | IDTQS33X257Q1    |               |
| IDT74FCT162823ATPA  | IDT74FCT16652ATPA   | IDT74LVCH162721APA | IDTQS34X2245Q3   |               |
| IDT74FCT162823CTPA  | IDT74FCT16652CTPA   | IDT74LVCH16276APA  | IDTQS34X245Q3    |               |
| IDT74FCT162827ATPA  | IDT74FCT16823ATPA   | IDT74LVCH162823APA | IDTQS34X383Q3    |               |
| IDT74FCT162827CTPA  | IDT74FCT16823CTPA   | IDT74LVCH16501APA  | IDTQS34XVH2245Q3 |               |
| IDT74FCT162841ATPA  | IDT74FCT16823ETPA   | IDT74LVCH16543APA  | IDTQS34XVH245Q3  |               |
| IDT74FCT162841CTPA  | IDT74FCT16827ATPA   | IDT74LVCH16601APA  | IDTQS3861PA      |               |
| IDT74FCT162952ATPA  | IDT74FCT16827CTPA   | IDT74LVCH16646APA  | IDTQS3L384PA     |               |
| IDT74FCT162952CTPA  | IDT74FCT16841ATPA   | IDT74LVCH16827APA  | IDTQS3VH16211PA  |               |
| IDT74FCT162952ETPA  | IDT74FCT16841CTPA   | IDT74LVCHR16501APA | IDTQS3VH16212PA  |               |
| IDT74FCT162H272ATPA | IDT74FCT16952ATPA   | IDT74LVCHR16646APA | IDTQS3VH16233PA  |               |
| IDT74FCT162H272CTPA | IDT74FCT16952CTPA   | IDT74LVCR16952APA  | IDTQS3VH2861PA   |               |
| IDT74FCT162H501ATPA | IDT74FCT16952ETPA   | IDTCSP2510CPG      | IDTQS3VH2862PA   |               |
| IDT74FCT162H501CTPA | IDT74FCT2646ATPG    | IDTCSP2510CPGI     | IDTQS3VH383PA    |               |
| IDT74FCT162H952ATPA | IDT74FCT2646CTPG    | IDTCSP2510DPG      | IDTQS3VH384PA    |               |