



Integrated Device Technology, Inc.
2975 Stender Way, Santa Clara, CA - 95054

PRODUCT/PROCESS CHANGE NOTICE (PCN)

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|--|---|
| PCN #: L0203-10R1 DATE: January 17, 2003 Product Affected: Please see attachment for the product list Date Effective: July 15, 2002 | MEANS OF DISTINGUISHING CHANGED DEVICES: <input type="checkbox"/> Product Mark <input type="checkbox"/> Back Mark <input checked="" type="checkbox"/> Date Code See attached list for New Steppings <input type="checkbox"/> Other |
|--|---|

| | |
|---|---|
| Contact: Bimla Paul Title: Quality Assurance Manager Phone #: (408)-654-6419 Fax #: (408)-492-8362 E-mail: bimla.paul@idt.com | Attachment: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Samples: Available upon request. |
|---|---|

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 checked="" type="checkbox"/> Manufacturing Site <input type="checkbox"/> Data Sheet <input type="checkbox"/> Other | To consolidate wafer fab production from Salinas, California (Fab 2) to Hillsboro, Oregon (Fab 4), these qualified Logic products will be transferred to IDT's wafer fab facility in Hillsboro, Oregon. There is no change in die technology. <u>PCN Addendum:</u> Due to declined market and existing inventory, status of selected devices has been adjusted. Please refer to the column "Revised Stepping (or PDN#)" in the attachment for detail of changes. PCN Effectivity Date is same as the original PCN # L0203-10 |
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RELIABILITY/QUALIFICATION SUMMARY:
 Qualification testing will verify that there is no change to the product reliability. Qualification data is available upon request.

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 - PCN #: L0203-10R1

PCN Type: Fab Site Change

Data Sheet Change: None

Detail of Change: Transfer existing qualified products from Salinas, California Wafer Fab Facility (Fab 2) to Hillsboro, Oregon Wafer Fab Facility (Fab 4).

The Following devices are affected by this change. All packages and speed grades are affected except as noted.

In this PCN Addendum, selected products have been obsoleted by PDN # **L-02-01**, **L-02-02**, **L-02-03** & **L-02-04**. In addition, four parts have stepping revised from Z to **CG4**.

PCN Effectivity Date is same as the original PCN # L0203-10

| Part Number | Old Stepping (Fab 2) | New Stepping (Fab 4) | Revised Stepping (or PDN #) |
|------------------------------------|----------------------|----------------------|-----------------------------|
| IDT2305 | CD | CD4 | CD4 |
| IDT2308 | CD | CD4 | CD4 |
| IDT2309 | CD | CD4 | CD4 |
| IDT49FCT3805D/E <i>(Note 1)</i> | Z | Z4 | Z4 |
| IDT5T9950A | CG | Z | CG4 |
| IDT5T995A | CG | Z | CG4 |
| IDT5V926 | Z | Z4 | Z4 |
| IDT5V927 | Z | Z4 | Z4 |
| IDT5V928 | Z | Z4 | Z4 |
| IDT5V994 | Z | Z4 | Z4 |
| IDT5V995 | CG | Z | CG4 |
| IDT5V9950 | CG | Z | CG4 |
| IDT74ALVC162244 | A | A4 | A4 |
| IDT74ALVC162245 | A | A4 | A4 |
| IDT74ALVC162268 | A | A4 | L-02-04 |

NOTE 1: ONLY "D" AND "E" SPEEDS ARE AFFECTED BY THIS CHANGE.



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| Part Number | Old Stepping (Fab 2) | New Stepping (Fab 4) | Revised Stepping (or PDN#) |
|-----------------|----------------------|----------------------|----------------------------|
| IDT74ALVC162334 | A | A4 | A4 |
| IDT74ALVC162344 | A | A4 | A4 |
| IDT74ALVC16244 | A | A4 | A4 |
| IDT74ALVC16245 | A | A4 | A4 |
| IDT74ALVC16260 | A | A4 | L-02-04 |
| IDT74ALVC162830 | AB | AB4 | L-02-02 |
| IDT74ALVC162831 | AB | AB4 | L-02-02 |
| IDT74ALVC162834 | A | A4 | L-02-04 |
| IDT74ALVC162835 | A | A4 | A4 |
| IDT74ALVC162836 | A | A4 | A4 |
| IDT74ALVC16334 | A | A4 | L-02-04 |
| IDT74ALVC16344 | A | A4 | L-02-04 |
| IDT74ALVC16646 | A | A4 | L-02-04 |
| IDT74ALVC16820 | A | A4 | L-02-02 |
| IDT74ALVC16830 | AB | AB4 | L-02-02 |
| IDT74ALVC16831 | AB | AB4 | L-02-02 |
| IDT74ALVC16834 | A | A4 | L-02-04 |
| IDT74ALVC16835 | A | A4 | A4 |
| IDT74ALVC16836 | A | A4 | L-02-04 |
| IDT74ALVC16841 | A | A4 | A4 |
| IDT74ALVC1G00 | AG | AG4 | L-02-01 |
| IDT74ALVC1G02 | AG | AG4 | L-02-01 |
| IDT74ALVC1G04 | AG | AG4 | L-02-01 |
| IDT74ALVC1G06 | AG | AG4 | L-02-01 |
| IDT74ALVC1G07 | AG | AG4 | L-02-01 |
| IDT74ALVC1G08 | AG | AG4 | L-02-01 |

| Part Number | Old Stepping (Fab 2) | New Stepping (Fab 4) | Revised Stepping (or PDN#) |
|------------------|----------------------|----------------------|----------------------------|
| IDT74ALVC1G125 | AG | AG4 | L-02-01 |
| IDT74ALVC1G126 | AG | AG4 | L-02-01 |
| IDT74ALVC1G32 | AG | AG4 | L-02-01 |
| IDT74ALVC1G79 | AG | AG4 | L-02-01 |
| IDT74ALVC1G86 | AG | AG4 | L-02-01 |
| IDT74ALVC1GU04 | AG | AG4 | L-02-01 |
| IDT74ALVCH162244 | A | A4 | A4 |
| IDT74ALVCH162245 | A | A4 | A4 |
| IDT74ALVCH162260 | A | A4 | L-02-04 |
| IDT74ALVCH162268 | A | A4 | A4 |
| IDT74ALVCH162334 | A | A4 | L-02-04 |
| IDT74ALVCH162344 | A | A4 | L-02-04 |
| IDT74ALVCH162373 | A | A4 | A4 |
| IDT74ALVCH162374 | A | A4 | A4 |
| IDT74ALVCH16240 | A | A4 | L-02-04 |
| IDT74ALVCH16244 | A | A4 | A4 |
| IDT74ALVCH16245 | A | A4 | A4 |
| IDT74ALVCH162525 | A | A4 | L-02-04 |
| IDT74ALVCH16260 | A | A4 | A4 |
| IDT74ALVCH162601 | A | A4 | L-02-04 |
| IDT74ALVCH16269 | A | A4 | L-02-04 |
| IDT74ALVCH16270 | A | A4 | A4 |
| IDT74ALVCH16271 | A | A4 | L-02-04 |
| IDT74ALVCH162721 | A | A4 | A4 |
| IDT74ALVCH16276 | A | A4 | A4 |



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| Part Number | Old Stepping (Fab 2) | New Stepping (Fab 4) | Revised Stepping (or PDN#) |
|------------------|----------------------|----------------------|----------------------------|
| IDT74ALVCH162820 | A | A4 | A4 |
| IDT74ALVCH162821 | A | A4 | L-02-04 |
| IDT74ALVCH162825 | A | A4 | L-02-02 |
| IDT74ALVCH162827 | A | A4 | L-02-04 |
| IDT74ALVCH162830 | AB | AB4 | L-02-04 |
| IDT74ALVCH162831 | AB | AB4 | L-02-02 |
| IDT74ALVCH162832 | AB | AB4 | L-02-02 |
| IDT74ALVCH162835 | A | A4 | L-02-04 |
| IDT74ALVCH162836 | A | A4 | L-02-04 |
| IDT74ALVCH162841 | A | A4 | L-02-02 |
| IDT74ALVCH16334 | A | A4 | L-02-02 |
| IDT74ALVCH16344 | A | A4 | L-02-02 |
| IDT74ALVCH16345 | A | A4 | A4 |
| IDT74ALVCH16373 | A | A4 | A4 |
| IDT74ALVCH16374 | A | A4 | A4 |
| IDT74ALVCH16409 | A | A4 | L-02-04 |
| IDT74ALVCH16500 | A | A4 | L-02-04 |
| IDT74ALVCH16501 | A | A4 | A4 |
| IDT74ALVCH16524 | A | A4 | L-02-02 |
| IDT74ALVCH16525 | A | A4 | L-02-02 |
| IDT74ALVCH16540 | A | A4 | L-02-02 |
| IDT74ALVCH16543 | A | A4 | L-02-04 |
| IDT74ALVCH16600 | A | A4 | L-02-02 |
| IDT74ALVCH16601 | A | A4 | A4 |
| IDT74ALVCH16646 | A | A4 | A4 |

| Part Number | Old Stepping (Fab 2) | New Stepping (Fab 4) | Revised Stepping (or PDN#) |
|-------------------|----------------------|----------------------|----------------------------|
| IDT74ALVCH16652 | A | A4 | A4 |
| IDT74ALVCH16701 | A | A4 | L-02-02 |
| IDT74ALVCH16721 | A | A4 | A4 |
| IDT74ALVCH16820 | A | A4 | L-02-02 |
| IDT74ALVCH16821 | A | A4 | L-02-04 |
| IDT74ALVCH16823 | A | A4 | A4 |
| IDT74ALVCH16825 | A | A4 | L-02-04 |
| IDT74ALVCH16827 | A | A4 | L-02-04 |
| IDT74ALVCH16830 | AB | AB4 | L-02-02 |
| IDT74ALVCH16831 | AB | AB4 | L-02-02 |
| IDT74ALVCH16832 | AB | AB4 | AB4 |
| IDT74ALVCH16835 | A | A4 | L-02-04 |
| IDT74ALVCH16836 | A | A4 | A4 |
| IDT74ALVCH16841 | A | A4 | L-02-04 |
| IDT74ALVCH16843 | A | A4 | L-02-02 |
| IDT74ALVCH16863 | A | A4 | A4 |
| IDT74ALVCH16901 | AB | AB4 | AB4 |
| IDT74ALVCH16903 | A | A4 | A4 |
| IDT74ALVCH16952 | A | A4 | A4 |
| IDT74ALVCH32244 | A | A4 | A4 |
| IDT74ALVCH32245 | A | A4 | A4 |
| IDT74ALVCH32373 | A | A4 | A4 |
| IDT74ALVCH32374 | A | A4 | A4 |
| IDT74ALVCH32501 | A | A4 | L-02-04 |
| IDT74ALVCHR162245 | A | A4 | A4 |



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| Part Number | Old Stepping (Fab 2) | New Stepping (Fab 4) | Revised Stepping (or PDN#) |
|-------------------|-------------------------|-------------------------|-------------------------------|
| IDT74ALVCHR162269 | A | A4 | A4 |
| IDT74ALVCHR16260 | A | A4 | L-02-02 |
| IDT74ALVCHR16270 | A | A4 | L-02-02 |
| IDT74ALVCHR16409 | A | A4 | L-02-02 |
| IDT74ALVCHR16500 | A | A4 | L-02-02 |
| IDT74ALVCHR16501 | A | A4 | A4 |
| IDT74ALVCHR16543 | A | A4 | L-02-02 |
| IDT74ALVCHR16601 | A | A4 | A4 |
| IDT74CBTLV3125 | SA | SA4 | SA4 |
| IDT74CBTLV3126 | SA | SA4 | SA4 |
| IDT74CBTLV3244 | SA | SA4 | SA4 |
| IDT74CBTLV3245 | SA | SA4 | SA4 |
| IDT74CBTLV3251 | SA | SA4 | SA4 |
| IDT74CBTLV3253 | SA | SA4 | SA4 |
| IDT74CBTLV3257 | SA | SA4 | SA4 |
| IDT74CBTLV3384 | SA | SA4 | SA4 |
| IDT74CBTLV3861 | SA | SA4 | SA4 |
| IDT74CBTLV3862 | SA | SA4 | SA4 |
| IDT74CBTLV6800 | SA | SA4 | SA4 |
| IDT74FCT163244 | X | X4 | X4 |
| IDT74FCT163245 | X | X4 | X4 |
| IDT74FCT163344 | X | X4 | X4 |
| IDT74FCT163373 | X | X4 | X4 |

| Part Number | Old Stepping (Fab 2) | New Stepping (Fab 4) | Revised Stepping (or PDN#) |
|-----------------------------|-------------------------|-------------------------|-------------------------------|
| IDT74FCT163374 | X | X4 | X4 |
| IDT74FCT163501 | X | X4 | X4 |
| IDT74FCT163543 | X | X4 | X4 |
| IDT74FCT163601 | X | X4 | X4 |
| IDT74FCT163646 | X | X4 | X4 |
| IDT74FCT163827 | X | X4 | X4 |
| IDT74FCT163952 | X | X4 | X4 |
| IDT74FCT3807D/E (Note 1) | Z | Z4 | Z4 |
| IDT74GTLP16612 | TA | TA4 | TA4 |
| IDT74LVC07 | XT | XT4 | XT4 |
| IDT74LVC08 | XT | XT4 | XT4 |
| IDT74LVC109 | XT | XT4 | L-02-04 |
| IDT74LVC11 | XT | XT4 | XT4 |
| IDT74LVC112 | XT | XT4 | XT4 |
| IDT74LVC125 | XT | XT4 | XT4 |
| IDT74LVC126 | XT | XT4 | L-02-04 |
| IDT74LVC137 | XT | XT4 | L-02-02 |
| IDT74LVC138 | XT | XT4 | XT4 |
| IDT74LVC139 | XT | XT4 | L-02-04 |
| IDT74LVC14 | XT | XT4 | L-02-04 |
| IDT74LVC157 | XT | XT4 | XT4 |
| IDT74LVC161 | XT | XT4 | XT4 |

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| | Old Stepping (Fab 2) | New Stepping (Fab 4) | Revised Stepping (or PDN#) |
|----------------|-------------------------|-------------------------|-------------------------------|
| IDT74LVC162244 | X | X4 | X4 |
| IDT74LVC162245 | X | X4 | X4 |
| IDT74LVC162374 | X | X4 | X4 |
| IDT74LVC16240 | X | X4 | L-02-04 |
| IDT74LVC16241 | X | X4 | L-02-04 |
| IDT74LVC16244 | X | X4 | X4 |
| IDT74LVC16245 | X | X4 | X4 |
| IDT74LVC162827 | X | X4 | L-02-04 |
| IDT74LVC163 | XT | XT4 | XT4 |
| IDT74LVC16344 | X | X4 | X4 |
| IDT74LVC16373 | X | X4 | X4 |
| IDT74LVC16374 | X | X4 | X4 |
| IDT74LVC16500 | X | X4 | L-02-02 |
| IDT74LVC16501 | X | X4 | X4 |
| IDT74LVC16540 | X | X4 | L-02-02 |
| IDT74LVC16541 | X | X4 | L-02-04 |
| IDT74LVC16543 | X | X4 | L-02-04 |
| IDT74LVC16601 | X | X4 | X4 |
| IDT74LVC16646 | X | X4 | X4 |
| IDT74LVC16652 | X | X4 | L-02-04 |
| IDT74LVC16821 | X | X4 | L-02-04 |
| IDT74LVC16823 | X | X4 | X4 |
| IDT74LVC16827 | X | X4 | X4 |
| IDT74LVC16841 | X | X4 | L-02-04 |
| IDT74LVC169 | XT | XT4 | L-02-02 |

| Part Number | Old Stepping (Fab 2) | New Stepping (Fab 4) | Revised Stepping (or PDN#) |
|----------------|-------------------------|-------------------------|-------------------------------|
| IDT74LVC16952 | X | X4 | X4 |
| IDT74LVC16Z646 | X | X4 | L-02-04 |
| IDT74LVC1G00A | XY | XY4 | L-02-01 |
| IDT74LVC1G02A | XY | XY4 | L-02-01 |
| IDT74LVC1G04A | XY | XY4 | L-02-01 |
| IDT74LVC1G06A | XY | XY4 | L-02-01 |
| IDT74LVC1G07A | XY | XY4 | L-02-01 |
| IDT74LVC1G08A | XY | XY4 | L-02-01 |
| IDT74LVC1G125A | XY | XY4 | L-02-01 |
| IDT74LVC1G126A | XY | XY4 | L-02-01 |
| IDT74LVC1G32A | XY | XY4 | L-02-01 |
| IDT74LVC1G79A | XY | XY4 | L-02-01 |
| IDT74LVC1G86A | XY | XY4 | L-02-01 |
| IDT74LVC1GU04A | XY | XY4 | L-02-01 |
| IDT74LVC2244 | E | E4 | E4 |
| IDT74LVC2245 | E | E4 | E4 |
| IDT74LVC241 | E | E4 | L-02-02 |
| IDT74LVC244 | E | E4 | E4 |
| IDT74LVC245 | E | E4 | E4 |
| IDT74LVC257 | XT | XT4 | XT4 |
| IDT74LVC273 | E | E4 | E4 |
| IDT74LVC2952 | E | E4 | L-02-02 |
| IDT74LVC32 | XT | XT4 | XT4 |
| IDT74LVC373 | E | E4 | E4 |
| IDT74LVC374 | E | E4 | E4 |



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| Part Number | Old Stepping (Fab 2) | New Stepping (Fab 4) | Revised Stepping (or PDN#) |
|-----------------|-------------------------|-------------------------|-------------------------------|
| IDT74LVC377 | E | E4 | E4 |
| IDT74LVC541 | E | E4 | E4 |
| IDT74LVC543 | E | E4 | L-02-04 |
| IDT74LVC573 | E | E4 | E4 |
| IDT74LVC574 | E | E4 | E4 |
| IDT74LVC623 | E | E4 | L-02-04 |
| IDT74LVC646 | E | E4 | L-02-04 |
| IDT74LVC652 | E | E4 | L-02-04 |
| IDT74LVC74 | XT | XT4 | XT4 |
| IDT74LVC821 | E | E4 | L-02-04 |
| IDT74LVC823 | E | E4 | E4 |
| IDT74LVC827 | E | E4 | E4 |
| IDT74LVC841 | E | E4 | L-02-04 |
| IDT74LVC86 | XT | XT4 | L-02-04 |
| IDT74LVC861 | E | E4 | E4 |
| IDT74LVC863 | E | E4 | L-02-02 |
| IDT74LVCH162244 | X | X4 | X4 |
| IDT74LVCH162245 | X | X4 | X4 |
| IDT74LVCH162373 | X | X4 | X4 |
| IDT74LVCH162374 | X | X4 | X4 |
| IDT74LVCH16240 | X | X4 | L-02-04 |
| IDT74LVCH16241 | X | X4 | L-02-02 |
| IDT74LVCH16244 | X | X4 | X4 |
| IDT74LVCH16245 | X | X4 | X4 |
| IDT74LVCH16260 | X | X4 | X4 |

| Part Number | Old Stepping (Fab 2) | New Stepping (Fab 4) | Revised Stepping (or PDN#) |
|-----------------|-------------------------|-------------------------|-------------------------------|
| IDT74LVCH162721 | X | X4 | X4 |
| IDT74LVCH16276 | X | X4 | X4 |
| IDT74LVCH162823 | X | X4 | X4 |
| IDT74LVCH16344 | X | X4 | L-02-02 |
| IDT74LVCH16373 | X | X4 | X4 |
| IDT74LVCH16374 | X | X4 | X4 |
| IDT74LVCH16501 | X | X4 | X4 |
| IDT74LVCH16540 | X | X4 | L-02-02 |
| IDT74LVCH16541 | X | X4 | L-02-04 |
| IDT74LVCH16543 | X | X4 | X4 |
| IDT74LVCH16601 | X | X4 | X4 |
| IDT74LVCH16646 | X | X4 | X4 |
| IDT74LVCH16652 | X | X4 | X4 |
| IDT74LVCH16701 | X | X4 | L-02-04 |
| IDT74LVCH16702 | X | X4 | L-02-04 |
| IDT74LVCH16721 | X | X4 | L-02-04 |
| IDT74LVCH16827 | X | X4 | X4 |
| IDT74LVCH16952 | X | X4 | L-02-04 |
| IDT74LVCH2244 | E | E4 | E4 |
| IDT74LVCH2245 | E | E4 | E4 |
| IDT74LVCH244 | E | E4 | E4 |
| IDT74LVCH245 | E | E4 | E4 |
| IDT74LVCH2541 | E | E4 | L-02-04 |
| IDT74LVCH2573 | E | E4 | L-02-04 |
| IDT74LVCH2574 | E | E4 | L-02-02 |



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| Part Number | Old Stepping (Fab 2) | New Stepping (Fab 4) | Revised Stepping (or PDN#) |
|------------------|-------------------------|-------------------------|-------------------------------|
| IDT74LVCH32244 | X | X4 | X4 |
| IDT74LVCH32245 | X | X4 | X4 |
| IDT74LVCH32373 | X | X4 | L-02-04 |
| IDT74LVCH32374 | X | X4 | L-02-04 |
| IDT74LVCH32501 | X | X4 | X4 |
| IDT74LVCH373 | E | E4 | L-02-02 |
| IDT74LVCH374 | E | E4 | L-02-02 |
| IDT74LVCH573 | E | E4 | L-02-04 |
| IDT74LVCH574 | E | E4 | L-02-04 |
| IDT74LVCH646 | E | E4 | L-02-02 |
| IDT74LVCHR162245 | X | X4 | X4 |
| IDT74LVCHR16501 | X | X4 | X4 |
| IDT74LVCHR16543 | X | X4 | L-02-04 |
| IDT74LVCHR16646 | X | X4 | L-02-04 |
| IDT74LVCHR16952 | X | X4 | X4 |
| IDT74LVCR162245 | X | X4 | X4 |
| IDT74LVCR16501 | X | X4 | L-02-02 |
| IDT74LVCR16952 | X | X4 | X4 |
| IDT74LVCR2245 | E | E4 | E4 |
| IDT74LVCU04 | XT | XT4 | L-02-04 |
| IDTCSPF2510C | PA | PA4 | PA4 |
| IDTQS3125 | Y, QA | X | X |
| IDTQS32384 | Z | Y | Y |
| IDTQS3245 | Z, QE | Y | Y |
| IDTQS3253 | Y, QA | X | X |

| Part Number | Old Stepping (Fab 2) | New Stepping (Fab 4) | Revised Stepping (or PDN#) |
|---------------|-------------------------|-------------------------|-------------------------------|
| IDTQS3257 | Y, QA | X | X |
| IDTQS32X2384 | Z, QE | Y | Y |
| IDTQS32X245 | Z, QE | Y | Y |
| IDTQS3384 | Z | Y | Y |
| IDTQS33X253 | Y, QA | X | X |
| IDTQS33X257 | Y, QA | X | X |
| IDTQS34X245 | Z, QE | Y | Y |
| IDTQS3800 | Z, QG | Y | Y |
| IDTQS3861 | Z, QG | Y | Y |
| IDTQS3L384 | Z, QG | Y | Y |
| IDTQS3R800 | Z, QG | Y | L-02-03 |
| IDTQS3VH125 | Z | Z4 | Z4 |
| IDTQS3VH126 | Z | Z4 | Z4 |
| IDTQS3VH16210 | Y | Y4 | Y4 |
| IDTQS3VH16211 | Y | Y4 | Y4 |
| IDTQS3VH16212 | Y | Y4 | Y4 |
| IDTQS3VH16233 | Y | Y4 | Y4 |
| IDTQS3VH16244 | Y | Y4 | Y4 |
| IDTQS3VH16245 | Y | Y4 | Y4 |
| IDTQS3VH383 | Y | Y4 | Y4 |
| IDTQS3VH16800 | Y | Y4 | Y4 |
| IDTQS3VH16861 | Y | Y4 | Y4 |
| IDTQS3VH16862 | Y | Y4 | Y4 |
| IDTQS3VH2245 | Z | Z4 | Z4 |



Integrated Device Technology, Inc.
2975 Stender Way, Santa Clara, CA - 95054

PRODUCT/PROCESS CHANGE NOTICE (PCN)

ATTACHMENT - PCN #: L0203-10R1

| Part Number | Old Stepping (Fab 2) | New Stepping (Fab 4) | Revised Stepping (or PDN) |
|--------------|-------------------------|-------------------------|------------------------------|
| IDTQS3VH244 | Z | Z4 | Z4 |
| IDTQS3VH245 | Z | Z4 | Z4 |
| IDTQS3VH251 | Z | Z4 | Z4 |
| IDTQS3VH253 | Z | Z4 | Z4 |
| IDTQS3VH257 | Z | Z4 | Z4 |
| IDTQS3VH2861 | Z | Z4 | Z4 |
| IDTQS3VH2862 | Z | Z4 | Z4 |
| IDTQS3VH384 | Z | Z4 | Z4 |

| Part Number | Old Stepping (Fab 2) | New Stepping (Fab 4) | Revised Stepping (or PDN) |
|-------------|-------------------------|-------------------------|------------------------------|
| IDTQS3VH800 | Z | Z4 | Z4 |
| IDTQS3VH861 | Z | Z4 | Z4 |
| IDTQS3VH862 | Z | Z4 | Z4 |
| IDTQS4A101 | Y, QA | X | X |
| IDTQS4A110 | Z | Y | Y |
| IDTQS4A205 | Y, QA | X | X |
| IDTQS4A210 | Y, QA | X | X |
| IDTQS4A215 | Y, QA | X | X |

Qualification Plans: Following reliability tests were performed per Product Family and the qual test results are as follows:

| | Required Sample/ # Fails | Qual Test Results Sample/ # Fails |
|--|--------------------------|--------------------------------------|
| Operating Life Test: Dynamic 1000 hrs @ 125°C or equivalent | 116/0 | 116/0 |
| Bake & Ballshear Test @ 200°C / 4 ball bonds per device | 5/0 | 5/0 |
| Temperature Cycling: (-65°C to +150°C, 500 cycles) | 45/0 | 45/0 |
| HAST: (Biased, 100 Hrs. @ +130°C, +85%RH) | 45/0 | 45/0 |
| ESD Human Body Model | 3/0 | 3/0 |
| ESD Charged Device Model | 3/0 | 3/0 |
| ESD Machine Model | 3/0 | 3/0 |
| Latch up: (Tested to 1.5X Vcc) | 10/0 | 10/0 |

Characterization Data:

Characterization data is available upon request.