



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

PRODUCT/PROCESS CHANGE NOTICE (PCN)

| | | |
|---|----------------------------|--|
| PCN #: N1206-01 | DATE: July 27, 2012 | MEANS OF DISTINGUISHING CHANGED DEVICES: |
| Product Affected: 841N4830AKILF | | <input checked="" type="checkbox"/> Product Mark Change in Ordering Part Number <input type="checkbox"/> Back Mark <input type="checkbox"/> Date Code <input type="checkbox"/> Other |
| Date Effective: October 27, 2012 | | |

| | |
|--|---|
| Contact: Mary Vesey | Attachment: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Title: Director, Product Assurance | |
| Phone #: (408) 284-4565 | Samples: Samples are available now. |
| Fax #: (408) 284-1450 | |
| E-mail: mary.vesey@idt.com | |

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 - Die Revision Change | <p>This notification is to advise our customers that IDT has qualified a new die revision B where the crystal oscillator was changed to be more robust in this revision. There will be a change in ordering part number and device top mark.</p> <p>There is no change in die technology/process.</p> <p>Please see attachment for details.</p> |
|--|---|

RELIABILITY/QUALIFICATION SUMMARY:

See attached data. There is no change in die technology/process.

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 I - PCN #: N1206-01

PCN Type: Die Revision Change

Data Sheet Change: Yes

Detail of Change:

This notification is to advise our customers that IDT has qualified a new die revision B where the crystal oscillator was changed to be more robust in this revision. There will be a change in ordering part number and device top mark.

Table 1

| Old Ordering Part Number | New Ordering Part Number |
|--------------------------|--------------------------|
| 841N4830AKILF | 841N4830BKILF |

Qualification Test Plan and Result:

Qualification Plan #: QNC-12-09
Qual Vehicle: 841N4830BKILF

| Test Description | Test Method (Latest specs in effect) | Test Results (SS / Rej) |
|----------------------------------|--------------------------------------|-------------------------|
| ESD: Human Body Model @ 2000V | JESD22-A114 | 3/0 |
| ESD: Charged Device Model @ 500V | JESD22-101 | 3/0 |
| Latch-up | JESD78 | 6/0 |