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|--------------------------|-----------------------------|-------------------------------------|---------------------|
| PCN Number: | 20160920002A | PCN Date: | Sept. 26, 2016 |
| Title: | Datasheet for ULN2003B | | |
| Customer Contact: | PCN Manager | Dept: | Quality Services |
| Change Type: | | | |
| <input type="checkbox"/> | Assembly Site | <input type="checkbox"/> | Design |
| <input type="checkbox"/> | Assembly Process | <input checked="" type="checkbox"/> | Data Sheet |
| <input type="checkbox"/> | Assembly Materials | <input type="checkbox"/> | Part number change |
| <input type="checkbox"/> | Mechanical Specification | <input type="checkbox"/> | Test Site |
| <input type="checkbox"/> | Packing/Shipping/Labeling | <input type="checkbox"/> | Test Process |
| | | <input type="checkbox"/> | Wafer Bump Site |
| | | <input type="checkbox"/> | Wafer Bump Material |
| | | <input type="checkbox"/> | Wafer Bump Process |
| | | <input type="checkbox"/> | Wafer Fab Site |
| | | <input type="checkbox"/> | Wafer Fab Materials |
| | | <input type="checkbox"/> | Wafer Fab Process |

Notification Details

Description of Change:

The previous version of this PCN was issued which contained information for the SN54HCT245 and SN74HCT245 device datasheet. Revision A is being issued to replace the previous notification. PCN 20160920002 pertains to the ULN2003B datasheet revision.

Texas Instruments Incorporated is announcing an information only notification etc.

The product datasheet(s) is being updated as summarized below.

The following change history provides further details.



ULN2003B

SLRS064B – JUNE 2014 – REVISED AUGUST 2016

| Changes from Revision A (September 2014) to Revision B | Page |
|--|------|
| • Deleted Hammer Drivers from <i>Applications</i> | 1 |
| • Updated <i>Pin Functions</i> table | 3 |
| • Deleted Package Thermal Information from <i>Absolute Maximum Ratings</i> | 4 |
| • Moved Storage temperature, T_{stg} to <i>Absolute Maximum Ratings</i> | 4 |
| • Deleted V_I from <i>Recommended Operating Conditions</i> | 4 |
| • Updated <i>Thermal Information</i> table | 4 |
| • Moved Operating free-air temperature, T_A to <i>Recommended Operating Conditions</i> | 4 |
| • Deleted <i>Output Current vs Input Current</i> graph from <i>Typical Characteristics</i> section | 6 |
| • Added h_{FE} vs I_{OUT} to <i>Typical Characteristics</i> section | 6 |
| • Deleted <i>Thermal Information</i> graphs section and updated <i>Typical Characteristics</i> section with new thermal graphs Figure 6 through Figure 14 | 6 |
| • Added <i>Receiving Notification of Documentation Updates</i> section and <i>Community Resources</i> section | 14 |

The datasheet number will be changing.

| | | |
|---------------|--------------|------------|
| Device Family | Change From: | Change To: |
| ULN2003B | SLRS064A | SLRS064B |

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/ULN2003B>

Reason for Change:

To more accurately reflect device characteristics.

Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):

No anticipated impact. This is a specification change announcement only. There are no changes to the actual device.

| Changes to product identification resulting from this PCN: | | | |
|---|-----------|-------------|--|
| None. | | | |
| Product Affected: | | | |
| ULN2003BDR | ULN2003BN | ULN2003BPWR | |

For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.

| Location | E-Mail |
|-----------------|--|
| USA | PCNAmericasContact@list.ti.com |
| Europe | PCNEuropeContact@list.ti.com |
| Asia Pacific | PCNAsiaContact@list.ti.com |
| Japan | PCNJapanContact@list.ti.com |