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|--------------------------|-----------------------------------|-------------------------------------|---------------------|
| PCN Number: | 20170104001 | PCN Date: | 1/20/2017 |
| Title: | Datasheet for SNx4LS24x, SNx4S24x | | |
| 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"/> | | <input type="checkbox"/> | Wafer Bump Site |
| <input type="checkbox"/> | | <input type="checkbox"/> | Wafer Bump Material |
| <input type="checkbox"/> | | <input type="checkbox"/> | Wafer Bump Process |
| <input type="checkbox"/> | | <input type="checkbox"/> | Wafer Fab Site |
| <input type="checkbox"/> | | <input type="checkbox"/> | Wafer Fab Materials |
| <input type="checkbox"/> | | <input type="checkbox"/> | Wafer Fab Process |

Notification Details

Description of Change:

Texas Instruments Incorporated is announcing an information only notification.

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

The following change history provides further details.



**SN54LS240, SN54LS241, SN54LS244, SN54S240, SN54S241, SN54S244
SN74LS240, SN74LS241, SN74LS244, SN74S240, SN74S241, SN74S244**

SDLS144D – APRIL 1985 – REVISED OCTOBER 2016

Changes from Revision C (May 2010) to Revision D

Page

- Added *Applications* section, *ESD Ratings* table, *Feature Description* section, *Device Functional Modes*, *Application and Implementation* section, *Power Supply Recommendations* section, *Layout* section, *Device and Documentation Support* section, and *Mechanical, Packaging, and Orderable Information* section..... 1
- Deleted *Ordering Information* table; see POA at the end of the data sheet..... 1
- Changed $R\theta_{JA}$ values in the *Thermal Information* table from 70 to 94.3 (DB), from 58 to 90.3 (DW), from 69 to 50.6 (N), and from 60 to 76.6 (NS)..... 5

The datasheet number will be changing.

| | | |
|---------------------|--------------|-----------------|
| Device Family | Change From: | Change To: |
| SNx4LS24x, SNx4S24x | SDLS144C | SDLS144D |

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/SN54LS240>

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: | | | |
|--------------------------|----------------|----------------|--------------|
| SN74LS240DB | SN74LS241DWG4 | SN74LS244DWR | SN74S240DWR |
| SN74LS240DBR | SN74LS241DWR | SN74LS244DWRE4 | SN74S240N |
| SN74LS240DW | SN74LS241N | SN74LS244DWRG4 | SN74S240NE4 |
| SN74LS240DWG4 | SN74LS241NS | SN74LS244N | SN74S241DW |
| SN74LS240DWR | SN74LS241NSR | SN74LS244NE4 | SN74S241DWR |
| SN74LS240DWRE4 | SN74LS244DB | SN74LS244NS | SN74S241N |
| SN74LS240N | SN74LS244DBR | SN74LS244NSR | SN74S244DW |
| SN74LS240NE4 | SN74LS244DBRG4 | SN74LS244NSRG4 | SN74S244DWG4 |
| SN74LS240NS | SN74LS244DW | SN74S240DW | SN74S244DWR |
| SN74LS240NSR | SN74LS244DWE4 | SN74S240DWG4 | SN74S244N |
| SN74LS241DW | SN74LS244DWG4 | | |

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 |