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|-----------------------------|--|-------------------------------------|---------------------|
| Notification Number: | 20220509000.0 | Notification Date: | May 10, 2022 |
| Title: | Datasheet for SNx4HC573A, SNx4HC240, SNx4HC273, SNx4HC374, and SNx4HC373 | | |
| 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.



SN54HC573A, SN74HC573A

SCLS147G – DECEMBER 1982 – REVISED APRIL 2022

Changes from Revision E (September 2003) to Revision F (October 2016) Page

- Added 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 Package thermal impedance, R_{θJA}, values from 70 to 92.5 (DB), from 58 to 78.3 (DW), from 69 to 49.1 (N), and from 83 to 101.1 (PW)..... 5



SN54HC240, SN74HC240

SCLS128G – DECEMBER 1982 – REVISED APRIL 2022

Changes from Revision E (December 2021) to Revision F (April 2022) Page

- Junction-to-ambient thermal resistance values increased. DW was 58 is now 109.1, DB was 70 is now 122.7, N was 69 is now 84.6, NS was 60 is now 113.4, PW was 83 is now 131.8..... 4



SN54HC273, SN74HC273

SCLS136F – DECEMBER 1982 – REVISED APRIL 2022

Changes from Revision E (August 2003) to Revision F (April 2022) Page

- Updated the ESD ratings table to fit modern standards..... 4
- Changed Package thermal impedance, R_{θJA}, values from 70 to 90.3 (DB), from 58 to 77.4(DW), from 69 to 45.1(N), from 60 to 72.6 (NS), and from 83 to 98.3 (PW)..... 5
- Updated Power Supply Recommendations and Layout Guidelines sections to include current TI terminology... 14



SN54HC374, SN74HC374

SCLS141G – DECEMBER 1982 – REVISED APRIL 2022

Changes from Revision F (December 2021) to Revision G (April 2022) Page

- Junction-to-ambient thermal resistance values increased. DW was 58 is now 109.1, DB was 70 is now 122.7, N was 69 is now 84.6, NS was 60 is now 113.4, PW was 83 is now 131.8..... 4

Changes from Revision E (January 2022) to Revision F (April 2022)
Page

- Junction-to-ambient thermal resistance values increased. DW was 58 is now 109.1, DB was 70 is now 122.7, N was 69 is now 84.6, NS was 60 is now 113.4, PW was 83 is now 131.8.....4

The datasheet number will be changing.

| Device Family | Change From: | Change To: |
|------------------------|--------------|------------|
| SN74HC573A, SN54HC573A | SCLS147F | SCLS147G |
| SN54HC240, SN74HC240 | SCLS128F | SCLS128G |
| SN54HC273, SN74HC273 | SCLS136E | SCLS136F |
| SN74HC374, SN54HC374 | SCLS141F | SCLS141G |
| SN54HC373 | SCLS140E | SCLS140F |

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/SN74HC573A>
<http://www.ti.com/product/SN54HC240>
<http://www.ti.com/product/SN54HC273>
<http://www.ti.com/product/SN74HC374>
<http://www.ti.com/product/SN54HC373>
Error! Bookmark not defined.
Reason for Change:

To 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 notification:

None.

Product Affected:

| | | | |
|----------------|----------------|----------------|-----------------|
| SN74HC240DBR | SN74HC240PWRG4 | SN74HC273PWR | SN74HC374NSR |
| SN74HC240DW | SN74HC240PWT | SN74HC273PWRG4 | SN74HC374PWR |
| SN74HC240DWE4 | SN74HC273DBR | SN74HC273PWT | SN74HC374PWT |
| SN74HC240DWG4 | SN74HC273DW | SN74HC374DBR | SN74HC573ADBR |
| SN74HC240DWR | SN74HC273DWR | SN74HC374DW | SN74HC573ADW |
| SN74HC240N | SN74HC273DWRE4 | SN74HC374DWE4 | SN74HC573ADWR |
| SN74HC240NE4 | SN74HC273DWRG4 | SN74HC374DWG4 | SN74HC573ADWRG4 |
| SN74HC240NS | SN74HC273N | SN74HC374DWR | SN74HC573AN |
| SN74HC240NSR | SN74HC273NE4 | SN74HC374DWRG4 | SN74HC573ANE4 |
| SN74HC240NSRE4 | SN74HC273NS | SN74HC374N | SN74HC573APWR |
| SN74HC240PW | SN74HC273NSR | SN74HC374NE4 | SN74HC573APWRG4 |
| SN74HC240PWR | SN74HC273PW | SN74HC374NS | SN74HC573APWT |

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

| Location | E-Mail |
|-----------------|--|
| WW PCN Team | PCN_ww_admin_team@list.ti.com |

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