12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**Notification# 20220714000.0**
**Datasheet for SNx4HCT573, SNx4HC563, SNx4HCT273, SNx4HCT373, and SNx4HC540**
**Information Only**

**Date:** July 25, 2022
**To:** PREMIER FARNELL PCN

Dear Customer:

This is an information-only announcement of a change to the datasheet for a device that is currently offered by Texas Instruments.

The changes discussed within this notification are for your information only.

Any negotiated alternative change requirements will be provided via the customer's defined process. Customers with previously negotiated, special requirements will be handled separately. Any inquiries should be directed to your local Field Sales Representative.

For questions regarding this notice, contact your local Field Sales Representative or the PCN team (PCN_ww_admin_team@list.ti.com).

Sincerely,

PCN Team
SC Business Services

**Information Only**
**Attachments**

## Products Affected:

The devices listed on this page are a subset of the complete list of affected devices. According to our records, these are the devices that you have purchased within the past twenty-four (24) months. The corresponding customer part number is also listed, if available.

| DEVICE | CUSTOMER PART NUMBER |
|---|---|
| SN74HCT373N | null |

Technical details of this Product Change follow on the next page(s).

| Notification Number: | 20220714000.0 | Notification Date: | July 25, 2022 |
|---|---|---|---|
| Title: | Datasheet for SNx4HCT573, SNx4HC563, SNx4HCT273, SNx4HCT373, and SNx4HC540 | | |
| Customer Contact: | PCN Manager | Dept: | Quality Services |

| Change Type: | | | | | |
|---|---|---|---|---|---|
| ☐ | Assembly Site | ☐ | Design | ☐ | Wafer Bump Site |
| ☐ | Assembly Process | ☒ | Data Sheet | ☐ | Wafer Bump Material |
| ☐ | Assembly Materials | ☐ | Part number change | ☐ | Wafer Bump Process |
| ☐ | Mechanical Specification | ☐ | Test Site | ☐ | Wafer Fab Site |
| ☐ | Packing/Shipping/Labeling | ☐ | Test Process | ☐ | Wafer Fab Materials |
| | | | | ☐ | Wafer Fab Process |

## Notification Details

**Description of Change:**

Texas Instruments Incorporated is announcing an information only notification.
The product datasheets are being updated to more accurately reflect the thermal characteristics of the devices.
Some devices have not been physically changed and are only receiving updated thermal models, while others are changing due to updated physical characteristics.
Physical changes to the individual devices were previously notified in PCN # 20210927002.
Please refer to the previous PCN to verify which specific devices are affected.
The following change history provides further details.

TEXAS INSTRUMENTS

**SN54HCT573, SN74HCT573**
SCLS176G – JULY 2003 – REVISED JULY 2022

| Changes from Revision F (February 2022) to Revision G (July 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 |

TEXAS INSTRUMENTS

**SN54HC563, SN74HC563**
SCLS145E – DECEMBER 1982 – REVISED JULY 2022

| Changes from Revision D (January 2022) to Revision E (July 2022) | Page |
|---|---|
| • Junction-to-ambient thermal resistance values increased. DW was 58 is now 109.1, N was 69 is now 84.6 | 4 |

TEXAS INSTRUMENTS

**SN54HCT273, SN74HCT273**
SCLS068G – NOVEMBER 1988 – REVISED JULY 2022

| Changes from Revision F (February 2022) to Revision G (July 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 |

TEXAS INSTRUMENTS

**SN54HCT373, SN74HCT373**
SCLS009F – MARCH 1984 – REVISED JULY 2022

| Changes from Revision E (December 2021) to Revision F (July 2022) | Page |
|---|---|
| • Junction-to-ambient thermal resistance values increased. DW was 58 is now 109.1, N was 69 is now 84.6, NS was 60 is now 113.4, PW was 83 is now 131.8 | 4 |

TEXAS INSTRUMENTS

**SN54HCT373, SN74HCT373**

SCLS009G – MARCH 1984 – REVISED JULY 2022

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

- Removed DB package....4

TEXAS INSTRUMENTS

**SN54HC540, SN74HC540**

SCLS007F – MARCH 1984 – REVISED JULY 2022

**Changes from Revision E (January 2022) to Revision F (July 2022)** **Page**

- Junction-to-ambient thermal resistance values increased. DW was 58 is now 109.1, 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: |
|---|---|---|
| SNx4HCT573 | SCLS176F | SCLS176G |
| SNx4HC563 | SCLS145D | SCLS145E |
| SNx4HCT273 | SCLS068F | SCLS068G |
| SNx4HCT373 | SCLS009E | SCLS009G |
| SNx4HC540 | SCLS007E | SCLS007F |

These changes may be reviewed at the datasheet links provided.

https://www.ti.com/product/SN54HCT573

https://www.ti.com/product/SN54HC563

https://www.ti.com/product/SN54HCT273

https://www.ti.com/product/SN54HCT373

https://www.ti.com/product/SN54HC540

**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. There are no changes to the actual device for this document update.

**Changes to product identification resulting from this notification:**

None.

**Product Affected:**

| | | | |
|---|---|---|---|
| SN74HC540DW | SN74HC563DW | SN74HCT273PW | SN74HCT373PWT |
| SN74HC540DWE4 | SN74HC563DWR | SN74HCT273PWR | SN74HCT573DBR |
| SN74HC540DWG4 | SN74HC563N | SN74HCT273PWT | SN74HCT573DBRG4 |
| SN74HC540DWR | SN74HC563NS | SN74HCT373DW | SN74HCT573DW |
| SN74HC540N | SN74HCT273DBR | SN74HCT373DWR | SN74HCT573DWR |
| SN74HC540NS | SN74HCT273DW | SN74HCT373DWRE4 | SN74HCT573DWRG4 |
| SN74HC540NSR | SN74HCT273DWR | SN74HCT373N | SN74HCT573N |
| SN74HC540PW | SN74HCT273DWRG4 | SN74HCT373NE4 | SN74HCT573NS |

| | | | |
|---|---|---|---|
| SN74HC540PWR | SN74HCT273N | SN74HCT373NSR | SN74HCT573NSR |
| SN74HC540PWRE4 | SN74HCT273NS | SN74HCT373PW | SN74HCT573PW |
| SN74HC540PWT | SN74HCT273NSR | SN74HCT373PWR | SN74HCT573PWR |

For questions regarding this notice, e-mails can be sent to the contact 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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