



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

Notification# 20220509000.B.0

**Datasheet for SNx4HC573A, SNx4HC240, SNx4HC273, SNx4HC374, and SNx4HC373
Information Only**

**Notification rev B is being issued to correct the revision history for the SN54HC273,
SN74HC273 (lit# SCLS136) datasheet.**

Date: May 19, 2022

To: TOKYO ELECTRON DEVICE (DSTR) 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
SN74HC240NSR	null
SN74HC240PWR	null
SN74HC273N	null
SN74HC273NS	null
SN74HC273NSR	null
SN74HC240N	null
SN74HC240NS	null
SN74HC273PWR	null
SN74HC273PW	null
SN74HC374NSR	null
SN74HC273DBR	null
SN74HC374N	null

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

Notification Number:	20220509000.B.0	Notification Date:	May 19, 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.



TEXAS
INSTRUMENTS

SN54HC573A, SN74HC573A

SCLS147G – DECEMBER 1982 – REVISED APRIL 2022

Changes from Revision F (October 2016) to Revision G (April 2022)

Page

- Updated ESD ratings table to modern TI standards..... 4
- Changed Package thermal impedance, $R_{\theta JA}$, values from 92.5 to 122.7 (DB), from 78.3 to 109.1 (DW), from 49.1 to 84.6 (N), and from 101.1 to 131.8 (PW)..... 5



TEXAS
INSTRUMENTS

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



TEXAS
INSTRUMENTS

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, $R_{\theta JA}$, values from: 90.3 to: 122.7 (DB), from: 77.4 to: 109.1 (DW), from: 45.1 to: 84.6 (N), from: 72.6 to: 113.4 (NS), and from: 98.3 to: 131.8 (PW)..... 5
- Updated Power Supply Recommendations and Layout Guidelines sections to include current TI terminology... 14



TEXAS
INSTRUMENTS

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

IMPORTANT NOTICE AND DISCLAIMER

TI PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATASHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES “AS IS” AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with TI products. You are solely responsible for (1) selecting the appropriate TI products for your application, (2) designing, validating and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, or other requirements. These resources are subject to change without notice. TI grants you permission to use these resources only for development of an application that uses the TI products described in the resource. Other reproduction and display of these resources is prohibited. No license is granted to any other TI intellectual property right or to any third party intellectual property right. TI disclaims responsibility for, and you will fully indemnify TI and its representatives against, any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

TI's products are provided subject to TI's Terms of Sale (www.ti.com/legal/termsofsale.html) or other applicable terms available either on ti.com or provided in conjunction with such TI products. TI's provision of these resources does not expand or otherwise alter TI's applicable warranties or warranty disclaimers for TI products.