

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.



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



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, $R_{\theta JA}$, 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



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

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