



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

Notification# 20240808000.0

**Datasheets for SNx4AHCT04, SNx4AHC14, SNx4AHCT14, SNx4AHC86, SNx4AHC74,
SNx4AHCT125 and SNx4AHCT132
Information Only**

Date: August 22, 2024

To: MOUSER PCN

Dear Customer:

This is an information-only announcement of a change to 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 Change Management team.

Sincerely,

Change Management Team
SC Business Services




20240808000.0
Information Only Datasheet
Attachments

Products Affected:

The devices listed on this page are a subset of the complete list of affected devices. According to our records, you have recently purchased these devices. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
SN74AHC14DBR	NULL
SN74AHC14DR	NULL
SN74AHC14DRG3	NULL
SN74AHC14PWR	NULL
SN74AHC14PWRE4	NULL
SN74AHC14PWRG3	NULL
SN74AHC14PWRG4	NULL
SN74AHC74DR	NULL
SN74AHC74PWR	NULL
SN74AHC86DR	NULL
SN74AHC86PWR	NULL
SN74AHC86PWRG4	NULL
SN74AHCT04DR	NULL
SN74AHCT04PWR	NULL
SN74AHCT125DR	NULL
SN74AHCT125PWR	NULL
SN74AHCT132DR	NULL
SN74AHCT132DRG4	NULL
SN74AHCT132PWR	NULL
SN74AHCT132PWRG4	NULL
SN74AHCT14DR	NULL
SN74AHCT14DRG4	NULL
SN74AHCT14PWR	NULL
SN74AHCT86DR	NULL
SN74AHCT86PWR	NULL

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

PCN Number:		20240808000.0		PCN Date:		August 22, 2024	
Title:		Datasheets for SNx4AHCT04, SNx4AHC14, SNx4AHCT14, SNx4AHC86, SNx4AHC74, SNx4AHCT125 and SNx4AHCT132					
Customer Contact:		Change Management team		Dept:		Quality Services	
Change Type:		Electrical Specification					
PCN 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		SN54AHCT04, SN74AHCT04 SCLS232R – OCTOBER 1995 – REVISED FEBRUARY 2024			
Changes from Revision Q (October 2023) to Revision R (February 2024)							Page
• Updated thermal values for NS package from RθJA = 98.6 to 120.9, RθJC(top) = 54.1 to 78.2, RθJB = 57.4 to 81.6, ΨJT = 19.6 to 42.8, ΨJB = 57.0 to 81.1, RθJC(bot) = N/A, all values in °C/W							5
Changes from Revision P (May 2023) to Revision Q (October 2023)							Page
• Updated RθJA values: D = 101.2 to 124.5, PW = 129.9 to 147.7; Updated D and PW packages for RθJC(top), RθJB, ΨJT, ΨJB, and RθJC(bot), all values in °C/W.....							5
		TEXAS INSTRUMENTS		SN54AHC14, SN74AHC14 SCLS238P – OCTOBER 1995 – REVISED FEBRUARY 2024			
Changes from Revision O (October 2023) to Revision P (February 2024)							Page
• Updated RθJA values: DB = 112.4 to 137.8, RGY = 63.8 to 87.1; Updated DB and RGY packages for RθJC(top), RθJB, ΨJT, ΨJB, and RθJC(bot), all values in °C/W.....							5
Changes from Revision N (June 2023) to Revision O (October 2023)							Page
• Deleted machine model.....							4
• Updated RθJA values: D = 99.3 to 124.5, PW = 128.8 to 147.7; Updated D and PW packages for RθJC(top), RθJB, ΨJT, ΨJB, and RθJC(bot), all values in °C/W.....							5
		TEXAS INSTRUMENTS		SN54AHCT14, SN74AHCT14 SCLS246T – OCTOBER 1995 – REVISED OCTOBER 2023			
Changes from Revision S (June 2023) to Revision T (October 2023)							Page
• Updated RθJA values: D = 101.2 to 124.5, PW = 129.9 to 147.7; Updated D and PW packages for RθJC(top), RθJB, ΨJT, ΨJB, and RθJC(bot), all values in °C/W							5

Changes from Revision K (July 2023) to Revision L (October 2023)
Page

- Updated R θ JA values: D = 86 to 124.5, PW = 113 to 147.7, all values in °C/W 5
- Added *Application and Implementation* section 9

Changes from Revision O (May 2023) to Revision P (October 2023)
Page

- Updated R θ JA values: D = 97.5 to 124.5, PW = 125.1 to 147.7; Updated D and PW packages for R θ JC(top), R θ JB, Ψ JT, Ψ JB, and R θ JC(bot), all values in °C/W 6

Changes from Revision M (October 2023) to Revision N (February 2024)
Page

- Updated R θ JA value: RGY = 47 to 87.1, all values in °C/W 6

Changes from Revision L (June 2023) to Revision M (October 2023)
Page

- Updated R θ JA values: D = 86 to 124.5, PW = 113 to 147.7, all values in °C/W 6

Changes from Revision Q (October 2023) to Revision R (February 2024)
Page

- Updated R θ JA value: RGY = 47 to 87.1, all values in °C/W 5

Changes from Revision P (June 2023) to Revision Q (October 2023)
Page

- Updated R θ JA values: D = 86 to 124.5, PW = 113 to 147.7, all values in °C/W 5

Changes from Revision H (May 2023) to Revision I (October 2023)
Page

- Updated R θ JA values: D = 86 to 124.5, PW = 113 to 147.7, all values in °C/W 5

The datasheet number will be changing.

Device Family	Change From:	Change To:
SNx4AHCT04	SCLS232P	SCLS232R
SNx4AHC14	SCLS238N	SCLS238P
SNx4AHCT14	SCLS246S	SCLS246T
SNx4AHC86	SCLS249K	SCLS249L
SNx4AHCT86	SCLS250O	SCLS250P
SNx4AHC74	SCLS255L	SCLS255N
SNx4AHCT125	SCLS264P	SCLS264R
SNx4AHCT132	SCLS366H	SCLS366I

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/SN54AHCT04>
<http://www.ti.com/product/SN74AHCT04>
<http://www.ti.com/product/SN54AHC14>
<http://www.ti.com/product/SN74AHC14>
<http://www.ti.com/product/SN54AHCT14>
<http://www.ti.com/product/SN74AHCT14>
<http://www.ti.com/product/SN54AHC86>
<http://www.ti.com/product/SN74AHC86>
<http://www.ti.com/product/SN54AHCT86>
<http://www.ti.com/product/SN74AHCT86>
<http://www.ti.com/product/SN54AHC74>
<http://www.ti.com/product/SN74AHC74>
<http://www.ti.com/product/SN54AHCT125>
<http://www.ti.com/product/SN74AHCT125>
<http://www.ti.com/product/SN54AHCT132>
<http://www.ti.com/product/SN74AHCT132>

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 PCN:

None.

Product Affected:

SN74AHC14PWRE4	SN74AHCT04DRG4	SN74AHCT125PWR	SN74AHCT125PWRE4
SN74AHC14DRE4	SN74AHC14PWR	SN74AHC74DR	SN74AHCT04DR
SN74AHCT125DR	SN74AHCT125PWRG4	SN74AHC14PWRG3	SN74AHC86DR
SN74AHC86PWR	SN74AHCT132PWRG4	SN74AHC14DR	SN74AHC86PWRG4
SN74AHCT132DR	SN74AHCT132PWR	SN74AHC14DRG4	SN74AHCT132DRG4
SN74AHCT14PWR	SN74AHCT86PWR	SN74AHC74DRE4	SN74AHC74PWRG4
SN74AHCT04PWRG4	SN74AHC14DRG3	SN74AHC14PWRG4	SN74AHC74PWR
SN74AHCT04PWR	SN74AHCT14DR	SN74AHCT14DRG4	SN74AHCT14PWRE4
SN74AHCT86DR	SN74AHC14DBR		

For questions regarding this notice, e-mails can be sent to the Change Management team or your local Field Sales Representative.

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