



**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.

<b>DEVICE</b>	<b>CUSTOMER PART NUMBER</b>
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).

<b>PCN Number:</b>	20240808000.0	<b>PCN Date:</b>	August 22, 2024			
<b>Title:</b>	Datasheets for SNx4AHCT04, SNx4AHC14, SNx4AHCT14, SNx4AHC86, SNx4AHC74, SNx4AHCT125 and SNx4AHCT132					
<b>Customer Contact:</b>	Change Management team	<b>Dept:</b>	Quality Services			
<b>Change Type:</b>	Electrical Specification					
<b>PCN Details</b>						
<b>Description of Change:</b>						
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.						
 <b>TEXAS INSTRUMENTS</b>	<b>SN54AHCT04, SN74AHCT04</b> SCLS232R – OCTOBER 1995 – REVISED FEBRUARY 2024					
<b>Changes from Revision Q (October 2023) to Revision R (February 2024)</b>						
<ul style="list-style-type: none"> <li>Updated thermal values for NS package from R<sub>θJA</sub> = 98.6 to 120.9, R<sub>θJC</sub>(top) = 54.1 to 78.2, R<sub>θJB</sub> = 57.4 to 81.6, Ψ<sub>JT</sub> = 19.6 to 42.8, Ψ<sub>JB</sub> = 57.0 to 81.1, R<sub>θJC</sub>(bot) = N/A, all values in °C/W .....</li> </ul>	<b>Page</b>	5				
<b>Changes from Revision P (May 2023) to Revision Q (October 2023)</b>						
<ul style="list-style-type: none"> <li>Updated R<sub>θJA</sub> values: D = 101.2 to 124.5, PW = 129.9 to 147.7; Updated D and PW packages for R<sub>θJC</sub>(top), R<sub>θJB</sub>, Ψ<sub>JT</sub>, Ψ<sub>JB</sub>, and R<sub>θJC</sub>(bot), all values in °C/W.....</li> </ul>	<b>Page</b>	5				
 <b>TEXAS INSTRUMENTS</b>	<b>SN54AHC14, SN74AHC14</b> SCLS238P – OCTOBER 1995 – REVISED FEBRUARY 2024					
<b>Changes from Revision O (October 2023) to Revision P (February 2024)</b>						
<ul style="list-style-type: none"> <li>Updated R<sub>θJA</sub> values: DB = 112.4 to 137.8, R<sub>GY</sub> = 63.8 to 87.1; Updated DB and R<sub>GY</sub> packages for R<sub>θJC</sub>(top), R<sub>θJB</sub>, Ψ<sub>JT</sub>, Ψ<sub>JB</sub>, and R<sub>θJC</sub>(bot), all values in °C/W.....</li> </ul>	<b>Page</b>	5				
<b>Changes from Revision N (June 2023) to Revision O (October 2023)</b>						
<ul style="list-style-type: none"> <li>Deleted machine model.....</li> <li>Updated R<sub>θJA</sub> values: D = 99.3 to 124.5, PW = 128.8 to 147.7; Updated D and PW packages for R<sub>θJC</sub>(top), R<sub>θJB</sub>, Ψ<sub>JT</sub>, Ψ<sub>JB</sub>, and R<sub>θJC</sub>(bot), all values in °C/W.....</li> </ul>	<b>Page</b>	4				
			5			
 <b>TEXAS INSTRUMENTS</b>	<b>SN54AHCT14, SN74AHCT14</b> SCLS246T – OCTOBER 1995 – REVISED OCTOBER 2023					
<b>Changes from Revision S (June 2023) to Revision T (October 2023)</b>						
<ul style="list-style-type: none"> <li>Updated R<sub>θJA</sub> values: D = 101.2 to 124.5, PW = 129.9 to 147.7; Updated D and PW packages for R<sub>θJC</sub>(top), R<sub>θJB</sub>, Ψ<sub>JT</sub>, Ψ<sub>JB</sub>, and R<sub>θJC</sub>(bot), all values in °C/W .....</li> </ul>	<b>Page</b>	5				



SN74AHC86, SN54AHC86  
SCLS249L – OCTOBER 1995 – REVISED OCTOBER 2023

<b>Changes from Revision K (July 2023) to Revision L (October 2023)</b>	<b>Page</b>
• Updated R0JA values: D = 86 to 124.5, PW = 113 to 147.7, all values in °C/W.....	5
• Added <i>Application and Implementation</i> section.....	9



SN54AHCT86, SN74AHCT86  
SCLS250P – OCTOBER 1995 – REVISED OCTOBER 2023

<b>Changes from Revision O (May 2023) to Revision P (October 2023)</b>	<b>Page</b>
• Updated R0JA values: D = 97.5 to 124.5, PW = 125.1 to 147.7; Updated D and PW packages for R0JC(top), R0JB, ΨJT, ΨJB, and R0JC(bot), all values in °C/W .....	6



SN54AHC74, SN74AHC74  
SCLS255N – DECEMBER 1995 – REVISED FEBRUARY 2024

<b>Changes from Revision M (October 2023) to Revision N (February 2024)</b>	<b>Page</b>
• Updated R0JA value: RGY = 47 to 87.1, all values in °C/W .....	6

<b>Changes from Revision L (June 2023) to Revision M (October 2023)</b>	<b>Page</b>
• Updated R0JA values: D = 86 to 124.5, PW = 113 to 147.7, all values in °C/W .....	6



SN54AHCT125, SN74AHCT125  
SCLS264R – DECEMBER 1995 – REVISED FEBRUARY 2024

<b>Changes from Revision Q (October 2023) to Revision R (February 2024)</b>	<b>Page</b>
• Updated R0JA value: RGY = 47 to 87.1, all values in °C/W .....	5

<b>Changes from Revision P (June 2023) to Revision Q (October 2023)</b>	<b>Page</b>
• Updated R0JA values: D = 86 to 124.5, PW = 113 to 147.7, all values in °C/W .....	5



SN54AHCT132, SN74AHCT132  
SCLS366I – MAY 1997 – REVISED OCTOBER 2023

<b>Changes from Revision H (May 2023) to Revision I (October 2023)</b>	<b>Page</b>
• Updated R0JA 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	<b>SCLS232R</b>
SNx4AHC14	SCLS238N	<b>SCLS238P</b>
SNx4AHCT14	SCLS246S	<b>SCLS246T</b>
SNx4AHC86	SCLS249K	<b>SCLS249L</b>
SNx4AHCT86	SCLS250O	<b>SCLS250P</b>
SNx4AHC74	SCLS255L	<b>SCLS255N</b>
SNx4AHCT125	SCLS264P	<b>SCLS264R</b>
SNx4AHCT132	SCLS366H	<b>SCLS366I</b>

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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