



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

Notification# 20240813006.0

**Datasheet for Datasheet for SN74AHCT1G86, SN74AHCT1G32-Q1, SN74AHC1G32-Q1,
SN74AHC1G86-Q1, SN74AHC1G32, SN74LV1T08, SN74AHCT1G08, SN74LV1T126,
SN74AHCT1G32, SN74AHC1G86, SN74LV1T00, SN74LV1T34, SN74AHCT1G02,
SN74AHC1G126, SN74LV1T04, SN74LV1T86, SN74AHCT1G00, SN74AHCT1G14,
SN74AHCT1G126, SN74LV1T32
Information Only**

Date: August 14, 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

20240813006.0
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
74AHCT1G08DBVRG4	NULL
74AHCT1G08DBVTG4	NULL
74AHCT1G14DBVRG4	NULL
74AHCT1G14DBVTE4	NULL
74AHCT1G32DBVRG4	NULL
CAHCT1G32QDBVRQ1	NULL
SN74AHC1G32DBVR	NULL
SN74AHC1G32DBVRG4	NULL
SN74AHC1G32TDBVRQ1	NULL
SN74AHC1G86DBVR	NULL
SN74AHC1G86DBVRG4	NULL
SN74AHC1G86QDBVRQ1	NULL
SN74AHCT1G00DBVR	NULL
SN74AHCT1G02DBVR	NULL
SN74AHCT1G08DBV3	NULL
SN74AHCT1G08DBVR	NULL
SN74AHCT1G126DBVR	NULL
SN74AHCT1G14DBVR	NULL
SN74AHCT1G32DBVR	NULL
SN74AHCT1G86DBVR	NULL
SN74LV1T00DBVR	NULL
SN74LV1T04DBVR	NULL
SN74LV1T04DBVRG4	NULL
SN74LV1T08DBVR	NULL
SN74LV1T08DBVRG4	NULL
SN74LV1T126DBVR	NULL
SN74LV1T126DBVRG4	NULL
SN74LV1T32DBVR	NULL
SN74LV1T32DBVRG4	NULL
SN74LV1T34DBVR	NULL
SN74LV1T34DBVRG4	NULL
SN74LV1T86DBVR	NULL

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

PCN Number:	20240813006.0		PCN Date:	August 14, 2024
Title:	Datasheet for SN74AHCT1G86, SN74AHCT1G32-Q1, SN74AHC1G32-Q1, SN74AHC1G86-Q1, SN74AHC1G32, SN74LV1T08, SN74AHCT1G08, SN74LV1T126, SN74AHCT1G32, SN74AHC1G86, SN74LV1T00, SN74LV1T34, SN74AHCT1G02, SN74AHC1G126, SN74LV1T04, SN74LV1T86, SN74AHCT1G00, SN74AHCT1G14, SN74AHCT1G126, SN74LV1T32			
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.				
 SN74AHCT1G86 SCLS324P – MARCH 1996 – REVISED FEBRUARY 2024				
Changes from Revision O (October 2023) to Revision P (February 2024)				Page
Updated thermal values for DBV package from RθJA = 208.2 to 278, RθJC(top) = 76.1 to 180.5, RθJB = 52.5 to 184.4, ΨJT = 4 to 115.4, ΨJB = 51.8 to 183.4, RθJC(bot) = N/A, all values in °C/W				5
 SN74AHCT1G32-Q1 SCLS606E – MARCH 2005 – REVISED FEBRUARY 2024				
Changes from Revision D (October 2023) to Revision E (February 2024)				Page
- Added body size to <i>Package Information</i> table..... - Updated RθJA value: DBV = 206 to 278, all values in °C/W				4
 SN74AHC1G32-Q1 SCLS544D – SEPTEMBER 2003 – REVISED JANUARY 2024				
Changes from Revision C (October 2023) to Revision D (January 2024)				Page
- Added ESD classifications to <i>Features</i> section..... - Updated RθJA values: DBV = 206 to 278, all values in °C/W.....				5
 SN74AHC1G86-Q1 SCLS723B – APRIL 2011 – REVISED FEBRUARY 2024				
Changes from Revision A (May 2019) to Revision B (February 2024)				Page
- Updated the numbering format for tables, figures, and cross-references throughout the document..... - Updated thermal values for DBV package from RθJA = 224.1 to 278, RθJC(top) = 152.8 to 180.5, RθJB = 131.8 to 184.4, ΨJT = 65.7 to 115.4, ΨJB = 131.0 to 183.4, RθJC(bot) = N/A, all values in °C/W				5
 SN74AHC1G32 SCLS317Q – MARCH 1996 – REVISED APRIL 2024				
Changes from Revision P (February 2017) to Revision Q (April 2024)				Page
- Updated the numbering, formatting, tables, figures and cross-references throughout the document to reflect modern datasheet standards..... - Updated RθJA values: DBV = 231.3 to 278, DCK = 287.6 to 293.4; Updated DBV and DCK packages for RθJC(top), RθJB, ΨJT, ΨJB, and RθJC(bot), all values in °C/W				5

Changes from Revision D (October 2023) to Revision E (March 2024)	Page
• Updated R θ JA values: DBV = 206 to 278, all values in °C/W	6

Changes from Revision R (October 2023) to Revision S (February 2024)	Page
• Updated thermal values for DBV package from R θ JA = 226 to 278, R θ JC(top) = 165 to 180.5, R θ JB = 59.1 to 184.4, Ψ JT = 45.5 to 115.4, Ψ JB = 58.3 to 183.4, R θ JC(bot) = N/A, all values in °C/W	5

Changes from Revision C (October 2023) to Revision D (February 2024)	Page
• Updated R θ JA values: DBV = 206 to 278, all values in °C/W	6

Changes from Revision O (December 2014) to Revision P (March 2024)	Page
• Updated the numbering format for tables, figures, and cross-references throughout the document.....	1
• Updated thermal values for DBV package from R θ JA = 231.3 to 278, R θ JC(top) = 119.9 to 180.5, R θ JB = 60.6 to 184.4, Ψ JT = 17.8 to 115.4, Ψ JB = 60.1 to 183.4, R θ JC(bot) = N/A, all values in °C/W.....	5

Changes from Revision O (October 2023) to Revision P (February 2024)	Page
• Updated thermal values for DBV package from R θ JA = 231.3 to 278, R θ JC(top) = 119.9 to 180.5, R θ JB = 60.6 to 184.4, Ψ JT = 17.8 to 115.4, Ψ JB = 60.1 to 183.4, R θ JC(bot) = N/A, all values in °C/W	5

Changes from Revision D (March 2024) to Revision E (July 2024)	Page
• Updated R θ JA values: DCK = 252 to 289.2, all values in °C/W	7

Changes from Revision C (June 2022) to Revision D (March 2024)	Page
• Changed <i>Device Information</i> to <i>Package Information</i> and added body size to table.....	1
• Updated R θ JA values: DBV = 206 to 278, all values in °C/W	7

Changes from Revision D (November 2023) to Revision E (February 2024)	Page
• Updated R θ JA values: DBV = 206 to 278, all values in °C/W	6

Changes from Revision L (October 2023) to Revision M (February 2024)	Page
• Updated R θ JA values: DBV = 206 to 278, all values in °C/W	4

Changes from Revision L (October 2023) to Revision M (February 2024)	Page
• Updated thermal values for DBV package from R θ JA = 231.3 to 278, R θ JC(top) = 119.9 to 180.5, R θ JB = 60.6 to 184.4, Ψ JT = 17.8 to 115.4, Ψ JB = 60.1 to 183.4, R θ JC(bot) = N/A, all values in °C/W	5

Changes from Revision D (October 2023) to Revision E (May 2024)	Page
• Updated R θ JA values: DBV = 206 to 278, all values in °C/W	6

Changes from Revision C (October 2023) to Revision D (February 2024)	Page
• Updated R θ JA values: DBV = 206 to 278, all values in °C/W	7

Changes from Revision O (October 2023) to Revision P (February 2024)	Page
• Updated thermal values for DBV package from R θ JA = 208.2 to 278, R θ JC(top) = 76.1 to 180.5, R θ JB = 52.5 to 184.4, Ψ JT = 4 to 115.4, Ψ JB = 51.8 to 183.4, R θ JC(bot) = N/A, all values in °C/W	5

Changes from Revision Q (October 2023) to Revision R (February 2024)	Page
• Added body size to <i>Package Information</i> table.....	1
• Updated R θ JA values: DBV = 206 to 278, all values in °C/W	4

Changes from Revision K (October 2023) to Revision L (February 2024)
Page

- Updated thermal values for DBV package from R θ JA = 231.3 to 278, R θ JC(top) = 119.9 to 180.5, R θ JB = 60.6 to 184.4, Ψ JT = 17.8 to 115.4, Ψ JB = 60.1 to 183.4, R θ JC(bot) = N/A, all values in °C/W **5**

Changes from Revision C (October 2023) to Revision D (May 2024)
Page

- Updated R θ JA values: DBV = 206 to 278, all values in °C/W **7**
- Added *Feature Description* topics..... **11**

The datasheet number will be changing.

Device Family	Change From:	Change To:
SN74AHCT1G86	SCLS324O	SCLS324P
SN74AHCT1G32-Q1	SCLS606D	SCLS606E
SN74AHC1G32-Q1	SCLS544C	SCLS544D
SN74AHC1G86-Q1	SCLS723A	SCLS723B
SN74AHC1G32	SCLS317P	SCLS317Q
SN74LV1T08	SCLS739D	SCLS739E
SN74AHCT1G08	SCLS315R	SCLS315S
SN74LV1T126	SCLS744C	SCLS744D
SN74AHCT1G32	SCLS320O	SCLS320P
SN74AHC1G86	SCLS323O	SCLS323P
SN74LV1T00	SCLS737C	SCLS737E
SN74LV1T34	SCLS743D	SCLS743E
SN74AHCT1G02	SCLS341L	SCLS341M
SN74AHC1G126	SCLS379L	SCLS379M
SN74LV1T04	SCLS738D	SCLS738E
SN74LV1T86	SCLS742C	SCLS742D
SN74AHCT1G00	SCLS316O	SCLS316P
SN74AHCT1G14	SCLS322Q	SCLS322R
SN74AHCT1G126	SCLS380K	SCLS380L
SN74LV1T32	SCLS741C	SCLS741D

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/SN74AHCT1G86>
<http://www.ti.com/product/SN74AHCT1G32-Q1>
<http://www.ti.com/product/SN74AHC1G32-Q1>
<http://www.ti.com/product/SN74AHC1G86-Q1>
<http://www.ti.com/product/SN74AHC1G32>
<http://www.ti.com/product/SN74LV1T08>
<http://www.ti.com/product/SN74AHCT1G08>
<http://www.ti.com/product/SN74LV1T126>
<http://www.ti.com/product/SN74AHCT1G32>
<http://www.ti.com/product/SN74AHC1G86>
<http://www.ti.com/product/SN74LV1T00>

<http://www.ti.com/product/SN74LV1T34>
<http://www.ti.com/product/SN74AHCT1G02>
<http://www.ti.com/product/SN74AHC1G126>
<http://www.ti.com/product/SN74LV1T04>
<http://www.ti.com/product/SN74LV1T86>
<http://www.ti.com/product/SN74AHCT1G00>
<http://www.ti.com/product/SN74AHCT1G14>
<http://www.ti.com/product/SN74AHCT1G126>
<http://www.ti.com/product/SN74LV1T32>

Reason for Change:

To accurately reflect device characteristics. The datasheet changes are driven by changes announced in PCN 20231219000

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:

74AHCT1G08DBVTG4	SN74AHC1G86QDBVRQ1	SN74LV1T34DBVRG4	SN74AHCT1G86DBVR
SN74AHC1G32DBVR	SN74LV1T00DBVR	SN74LV1T86DBVRG4	74AHC1G126DBVTG4
SN74LV1T126DBVRG4	SN74LV1T08DBVR	74AHCT1G02DBVRG4	SN74LV1T126DBVR
SN74LV1T86DBVR	74AHCT1G14DBVRG4	74AHCT1G08DBVTE4	SN74AHCT1G14DBVR
74AHCT1G08DBVRG4	74AHCT1G32DBVRG4	74AHCT1G14DBVTE4	SN74LV1T00DBVRG4
SN74AHCT1G08DBV3	SN74AHCT1G126DBVR	74AHCT1G14DBVTG4	SN74LV1T32DBVR
SN74AHCT1G08DBVR	SN74AHC1G86DBVR	SN74AHC1G32DBVRE4	74AHCT1G00DBVRG4
SN74AHCT1G32DBVR	SN74LV1T04DBVR	SN74AHC1G32DBVRQ1	SN74AHCT1G00DBVR
CAHCT1G32QDBVRQ1	SN74LV1T08DBVRG4	74AHC1G126DBVRG4	74AHCT1G14DBVRE4
74AHCT1G86DBVRG4	SN74AHCT1G02DBVR	SN74LV1T04DBVRG4	SN74AHC1G32DBVRG4
SN74AHC1G86DBVRE4	SN74LV1T32DBVRG4	SN74LV1T34DBVR	SN74AHC1G86DBVRG4

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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