



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

Notification# 20230711000.0

Datasheet for SN74LV4040A, SNx4AHCT32, SNxAHCT74, SN74AHCT32-Q1, SN74AHCT1G126-Q1, SN74AHCT1G04-Q1, SN74AHCT1G125-Q1, SN74AHC04-Q1, SN74AHC245-Q1, SN74LV245A, SNx4AHC125, SNx4AHC08, SNx4AHCT245, SNx4AHC04, SNx4AHC245, SN74AHC08Q-Q1, SN74AHC125-Q1, SN74AHC02-Q1, SNx4AHC02, SN74AHC00-Q1, SNx4AHC00 Information Only Datasheet

Date: July 18, 2023

To: Digi-Key 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

20230711000.0
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
CAHCT1G04QDCKRG4Q1	null
CAHCT1G04QDCKRQ1	null
CAHCT1G125QDCKRG4Q	null
CAHCT1G125QDCKRQ1	null
CAHCT1G126QDCKRG4Q	null
CAHCT1G126QDCKRQ1	null
SN74AHC00DR	null
SN74AHC00PWR	null
SN74AHC00PWRG3	null
SN74AHC00QPWRG4Q1	null
SN74AHC00QPWRQ1	null
SN74AHC02DR	null
SN74AHC02PWR	null
SN74AHC02QPWRG4Q1	null
SN74AHC02QPWRQ1	null
SN74AHC04DR	null
SN74AHC04PWR	null
SN74AHC04QPWRG4Q1	null
SN74AHC08DR	null
SN74AHC08PWR	null
SN74AHC08PWRG4	null
SN74AHC125DR	null
SN74AHC125PWR	null
SN74AHC125QPWRG4Q1	null
SN74AHC125QPWRQ1	null
SN74AHC245DBR	null
SN74AHC245DWR	null
SN74AHC245PWR	null
SN74AHC245PWRG4	null
SN74AHC245QPWRG4Q1	null
SN74AHC245QPWRQ1	null
SN74AHCT245DBR	null
SN74AHCT245DWR	null
SN74AHCT245NSR	null
SN74AHCT32PWR	null
SN74AHCT32QPWRG4Q1	null
SN74AHCT32QPWRQ1	null
SN74AHCT74PWR	null
SN74LV245ADBR	null
SN74LV245ADWR	null
SN74LV245ANSR	null
SN74LV4040ADR	null
SN74LV4040APWR	null
SN74LV4040APWT	null

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

PCN Number:	20230711000.0		PCN Date:	July 18, 2023						
Title:	Datasheet for SN74LV4040A, SNx4AHCT32, SNxAHCT74, SN74AHCT32-Q1, SN74AHCT1G126-Q1, SN74AHCT1G04-Q1, SN74AHCT1G125-Q1, SN74AHC04-Q1, SN74AHC245-Q1, SN74LV245A, SNx4AHC125, SNx4AHC08, SNx4AHCT245, SNx4AHC04, SNx4AHC245, SN74AHC08Q-Q1, SN74AHC125-Q1, SN74AHC02-Q1, SNx4AHC02, SN74AHC00-Q1, SNx4AHC00									
Customer Contact:	Change Management team	Dept:	Quality Services							
Change Type:	Electrical Specification									
PCN Details										
Description of Change:										
<p>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.</p>										
<div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: right;"> SN74LV4040A <small>SCES226J – APRIL 1999 – REVISED JULY 2023</small> </div> </div>										
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<div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: right;"> SN54AHCT32, SN74AHCT32 <small>SCLS248O – OCTOBER 1995 – REVISED JULY 2023</small> </div> </div>										
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<div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: right;"> SN54AHCT74, SN74AHCT74 <small>SCLS263Q – DECEMBER 1995 – REVISED JULY 2023</small> </div> </div>										
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<div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: right;"> SN74AHCT32-Q1 <small>SCLS528C – JULY 2003 – REVISED JULY 2023</small> </div> </div>										
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Changes from Revision B (January 2023) to Revision C (July 2023)	Page
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• Updated thermal values for DCK package from R θ JA = 252 to 293.4, all values in °C/W	4

Changes from Revision C (April 2023) to Revision D (June 2023)	Page
• Added BQA package to <i>Package Information</i> table.....	1
• Updated thermal values for PW package from R θ JA = 113 to 147.7, all values in °C/W.....	5
• Added thermal value for R θ JA: BQA = 88.3, all values in °C/W.....	5

Changes from Revision C (February 2023) to Revision D (June 2023)	Page
• Updated R θ JA values: PW = 83 to 122.3, all values in °C/W.....	5

Changes from Revision Q (April 2023) to Revision R (July 2023)	Page
• Updated R θ JA values: DB = 94.6 to 113.1, DW = 77.5 to 96.2, NS = 76.6 to 101.1; Updated DB, DW, 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	5

Changes from Revision L (November 2016) to Revision M (June 2023)	Page
• Added BQA package to <i>Package Information</i> table.....	1
• Updated R θ JA values: D = 92.6 to 124.5, PW = 121.5 to 147.7, all values in °C/W	6
• Added thermal value for R θ JA: BQA = 88.3, all values in °C/W.....	6

Changes from Revision J (December 2015) to Revision K (June 2023)	Page
• Added BQA package to <i>Device Information</i> table.....	1
• Updated R θ JA values: D = 86 to 124.5, PW = 113 to 147.7	6
• Added thermal value for R θ JA: BQA = 88.3, all values in °C/W.....	6

Changes from Revision R (April 2023) to Revision S (July 2023)	Page
• Updated R θ JA values: DB = 96.0 to 113.1, DW = 79.8 to 96.2, PW = 102.8 to 122.3; Updated DB, DW, 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.....	5

Changes from Revision O (May 2023) to Revision P (June 2023)	Page
• Added BQA package to <i>Device Information</i> table.....	1
• Added <i>Device and Documentation Support</i> section, and <i>Mechanical, Packaging, and Orderable Information</i> section	1
• Updated thermal values for R θ JA: D = 86 to 124.5, PW = 113 to 147.7, all values in °C/W	5
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Changes from Revision C (April 2008) to Revision D (June 2023)	Page
• Added <i>Package Information</i> table, <i>Pin Functions</i> table, <i>ESD Ratings</i> table, <i>Thermal Information</i> table, <i>Device Functional Modes</i> , <i>Device and Documentation Support</i> section, and <i>Mechanical, Packaging, and Orderable Information</i> section	1
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Changes from Revision A (April 2008) to Revision B (June 2023)	Page
• Added <i>Package Information</i> table, <i>Pin Functions</i> table, <i>ESD Ratings</i> table, <i>Thermal Information</i> table, <i>Device Functional Modes</i> , <i>Device and Documentation Support</i> section, and <i>Mechanical, Packaging, and Orderable Information</i> section	1
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• Added <i>Package Information</i> table, <i>Pin Functions</i> table, <i>ESD Ratings</i> table, <i>Thermal Information</i> table, <i>Device Functional Modes</i> , <i>Device and Documentation Support</i> section, and <i>Mechanical, Packaging, and Orderable Information</i> section	1
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Changes from Revision J (May 2013) to Revision K (June 2023)
Page

• Added Device Information table, Pin Functions table, ESD Ratings table, Thermal Information table, Device Functional Modes, Device and Documentation Support section, and Mechanical, Packaging, and Orderable Information section	1
• Added BQA package to Package Information table.....	1
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The datasheet number will be changing.

Device Family	Change From:	Change To:
SN74LV4040A	SCES226I	SCES226J
SNx4AHCT32	SCLS248N	SCLS248O
SNxAHCT74	SCLS263P	SCLS263Q
SN74AHCT32-Q1	SCLS528B	SCLS528C
SN74AHCT1G126-Q1	SCLS505B	SCLS505C
SN74AHCT1G04-Q1	SCLS510B	SCLS510C
SN74AHCT1G125-Q1	SCLS504B	SCLS504C
SN74AHC04-Q1	SCLS536C	SCLS536D
SN74AHC245-Q1	SCLS527C	SCLS527D
SN74LV245A	SCLS382Q	SCLS382R
SNx4AHC125	SCLS256L	SCLS256M
SNx4AHC08	SCLS236J	SCLS236K
SNx4AHCT245	SCLS233R	SCLS233S
SNx4AHC04	SCLS231O	SCLS231P
SNx4AHC245	SCLS230L	SCLS230M
SN74AHC08Q-Q1	SGDS010C	SGDS010D
SN74AHC125-Q1	SCLS525A	SCLS525B
SN74AHC02-Q1	SCLS524B	SCLS524C
SNx4AHC02	SCLS254L	SCLS254M
SN74AHC00-Q1	SGDS013B	SGDS013C
SNx4AHC00	SCLS227J	SCLS227K

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/SN74LV4040A>
<http://www.ti.com/product/SN54AHCT32>
<http://www.ti.com/product/SN74AHCT74>
<http://www.ti.com/product/SN74AHCT32-Q1>
<http://www.ti.com/product/SN74AHCT1G126-Q1>
<http://www.ti.com/product/SN74AHCT1G04-Q1>
<http://www.ti.com/product/SN74AHCT1G125-Q1>
<http://www.ti.com/product/SN74AHC04-Q1>
<http://www.ti.com/product/SN74AHC245-Q1>
<http://www.ti.com/product/SN74LV245A>
<http://www.ti.com/product/SN54AHC125>
<http://www.ti.com/product/SN54AHC08>
<http://www.ti.com/product/SN54AHCT245>
<http://www.ti.com/product/SN54AHC04>
<http://www.ti.com/product/SN54AHC245>

<http://www.ti.com/product/SN74AHC08Q-Q1>
<http://www.ti.com/product/SN74AHC125-Q1>
<http://www.ti.com/product/SN74AHC02-Q1>
<http://www.ti.com/product/SN74AHC02>
<http://www.ti.com/product/SN74AHC00-Q1>
<http://www.ti.com/product/SNx4AHC00>

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:

SN74LV4040APWR	SN74LV4040ADR	SN74LV4040APWRG4	SN74LV4040APWT	
SN74AHCT32PWR	SN74AHCT32PWRG4	SN74AHCT74PWR	SN74AHCT74PWRG4	
SN74AHCT32QPWRG4Q1	SN74AHCT32QPWRQ1	CAHCT1G126QDCKRG4	CAHCT1G126QDCKRG4Q	
CAHCT1G126QDCKRQ1	CAHCT1G04QDCKRG4Q1	CAHCT1G04QDCKRQ1	CAHCT1G125QDCKRG4Q	
CAHCT1G125QDCKRQ1	SN74AHC04QPWRG4Q1	SN74AHC04QPWRQ1	SN74AHC245QPWRG4Q1	
SN74AHC245QPWRQ1	SN74LV245ADBR	SN74LV245ADWR	SN74LV245ANSR	
SN74AHC125DR	SN74AHC125DRG4	SN74AHC125PWR	SN74AHC125PWRE4	
SN74AHC125PWRG4	SN74AHC08DR	SN74AHC08DRG4	SN74AHC08PWR	
SN74AHC08PWRG4	SN74AHCT245DBR	SN74AHCT245DBRG4	SN74AHCT245DWR	
SN74AHCT245NSR	SN74AHC04DR	SN74AHC04DRG4	SN74AHC04PWR	
SN74AHC04PWRG4	SN74AHC245DBR	SN74AHC245DWR	SN74AHC245DWRE4	
SN74AHC245PWR	SN74AHC245PWRE4	SN74AHC245PWRG4	SN74AHC08QPWRRB	
SN74AHC125QPWRG4Q1	SN74AHC125QPWRQ1	SN74AHC02QPWRG4Q1	SN74AHC02QPWRQ1	
SN74AHC02DR	SN74AHC02PWR	SN74AHC02PWRE4	SN74AHC02PWRG4	
SN74AHC00QPWRG4Q1	SN74AHC00QPWRQ1	SN74AHC00DR	SN74AHC00PWR	
SN74AHC00PWRE4	SN74AHC00PWRG3	SN74AHC00PWRG4		

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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