



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

Notification# 20230327011.0

**Datasheet for SN74LV573A, SN74LV367A, SN74LV174A, SN74LV175A, SN74LV540A, SN74LV244A, SN74LV273A, SN74LV541A, SN74LV164A, SN74LV595A, SN74LV374A, SN74LV595A-Q1, and SN74LV373A-Q1
Information Only**

Date: March 29, 2023
To: TOKYO ELECTRON DEVICE (DSTR) PCN

Dear Customer:

This is an information-only announcement of a change to the datasheet for 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 (PCN_ww_admin_team@list.ti.com).

Sincerely,

Change Management Team
SC Business Services

Information Only Attachments

Products Affected:

The devices listed on this page are a subset of the complete list of affected devices. According to our records, these are the devices that you have purchased within the past twenty-four (24) and sixty (60) months. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
SN74LV174APWR	null
SN74LV244ANSR	null
SN74LV244APW	null
SN74LV244APWR	null
SN74LV244APWRG4	null
SN74LV273APWR	null
SN74LV374APWR	null
SN74LV541ANSR	null
SN74LV541APW	null
SN74LV541APWR	null
SN74LV573APW	null
SN74LV595APWR	null
SN74LV175APW	null
SN74LV244APWG4	null
SN74LV273APW	null
SN74LV273APWRG4	null
SN74LV374APW	null
SN74LV540APW	null
SN74LV540APWR	null
SN74LV541ADBR	null
SN74LV541APWG4	null
SN74LV541APWRG4	null
SN74LV573APWR	null
SN74LV164APWR	null
SN74LV164APWT	null
SN74LV175APWR	null
SN74LV595ANSR	null
SN74LV244ADBR	null
SN74LV244APWT	null
SN74LV273ANSR	null
SN74LV367APWR	null
SN74LV374ANSR	null
SN74LV540ANSR	null
SN74LV164ARGYR	null
SN74LV541ADW	null
SN74LV541APWT	null
SN74LV367ANSR	null
SN74LV595APWT	null
SN74LV595APWRG4	null
SN74LV164ANSR	null
SN74LV175APWT	null
SN74LV174APW	null
SN74LV244APWRG3	null
SN74LV244ARGYR	null
SN74LV273APWT	null
SN74LV595APW	null
SN74LV175ANSR	null
SN74LV273APWG4	null
SN74LV273ARGYR	null
SN74LV164ADGVR	null
SN74LV595ARGYR	null

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

Notification Number:	20230327011.0	Notification Date:	March 29, 2023
Title:	Datasheet for SN74LV573A, SN74LV367A, SN74LV174A, SN74LV175A, SN74LV540A, SN74LV244A, SN74LV273A, SN74LV541A, SN74LV164A, SN74LV595A, SN74LV374A, SN74LV595A-Q1, and SN74LV373A-Q1		
Customer Contact:	Notification Manager	Dept:	Quality Services
Change Type: Electrical Specification			
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.			
 SN74LV573A SCLS411J – APRIL 1998 – REVISED MARCH 2023			
Changes from Revision I (April 2005) to Revision J (March 2023)			Page
- Added <i>Applications</i>, <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>Application and Implementation</i> section, <i>Power Supply Recommendations</i> section, <i>Layout</i> section, <i>Device and Documentation Support</i> section, and <i>Mechanical, Packaging, and Orderable Information</i> section..... - Updated thermal values for PW package from RθJA = 131.8 to 128.2, all values in °C/W.....			1 5
 SN74LV367A SCLS398I – APRIL 1998 – REVISED MARCH 2023			
Changes from Revision H (December 2022) to Revision I (March 2023)			Page
- Removed DB package from <i>Package Information</i> table and updated structural layout of document..... - Updated thermal values for D package from RθJA = 73 to 107.7, all values in °C/W.....			1 5
 SN74LV174A SCLS401I – APRIL 1998 – REVISED MARCH 2023			
Changes from Revision H (December 2022) to Revision I (March 2023)			Page
- Removed references to DB package, removed pinout image of BQB or RGY package, and updated structural layout of document to current standard..... - Updated thermal values for D package from RθJA = 73 to 107.7, all values in °C/W.....			1 5
 SN74LV175A SCLS400J – APRIL 1998 – REVISED MARCH 2023			
Changes from Revision I (January 2023) to Revision J (March 2023)			Page
Updated thermal values for PW package from RθJA = 108 to 138.7, all values in °C/W.....			5
 SN74LV540A SCLS409J – MAY 1998 – REVISED MARCH 2023			
Changes from Revision I (December 2014) to Revision J (March 2023)			Page
- Updated structural layout of document to current standard, updated <i>Features</i> section, and added NS package to <i>Package Information</i> table..... - Added $\pm$ to values in <i>ESD Ratings</i> section..... - Updated thermal values for PW package from RθJA = 102.8 to 128.2, RθJC(top) = 36.8 to 70.5, RθJB = 53.8 to 79.3, ΨJT = 2.5 to 23.4, ΨJB = 53.3 to 78.9, all values in °C/W.....			1 4 5

Changes from Revision P (January 2023) to Revision Q (March 2023)	Page
• Updated thermal values for DB package from R θ JA = 94.7 to 118.2, R θ JC(top) = 56.7 to 77.2, R θ JB = 49.9 to 73, Ψ JT = 18.7 to 42.2, Ψ JB = 49.5 to 72.6, all values in °C/W.....	5
• Updated thermal values for DW package from R θ JA = 79.4 to 102.3 R θ JC(top) = 43.8 to 69.9, R θ JB = 47.2 to 70.8, Ψ JT = 18.8 to 46.4, Ψ JB = 46.7 to 70.4, all values in °C/W.....	5
• Updated thermal values for NS package from R θ JA = 76.9 to 108.1, R θ JC(top) = 43.4 to 73.9, R θ JB = 44.5 to 73.1, Ψ JT = 17.0 to 44.1, Ψ JB = 44.1 to 72.8, all values in °C/W.....	5

Changes from Revision M (January 2023) to Revision N (March 2023)	Page
• Updated thermal values for DB package from R θ JA = 98.7 to 128.2, R θ JC(top) = 60.4 to 70.5, R θ JB = 56.9 to 79.3, Ψ JT = 21.6 to 23.4, Ψ JB = 55.1 to 78.9, all values in °C/W	6
• Updated thermal values for DW package from R θ JA = 81.8 to 102.3, R θ JC(top) = 47.8 to 69.9, R θ JB = 49.4 to 70.8, Ψ JT = 20.1 to 46.4, Ψ JB = 49.0 to 70.4, all values in °C/W	6

Changes from Revision L (January 2023) to Revision M (March 2023)	Page
• Updated thermal values for DB package from R θ JA = 96.0 to 118.2, R θ JC(top) = 56.7 to 77.2, R θ JB = 51.2 to 73, Ψ JT = 19.4 to 42.2, Ψ JB = 50.8 to 72.6, all values in °C/W	5
• Updated thermal values for NS package from R θ JA = 77.1 to 108.1, R θ JC(top) = 43.6 to 73.9, R θ JB = 44.6 to 73.1, Ψ JT = 17.2 to 44.1, Ψ JB = 44.2 to 72.8, all values in °C/W.....	5

Changes from Revision J (December 2022) to Revision K (March 2023)	Page
• Updated the structural layout of document.....	1
• Updated thermal values for D package from R θ JA = 92.6 to 112.9, R θ JC(top) = 53.9 to 68.7, R θ JB = 46.8 to 69.4, Ψ JT = 18.9 to 30, Ψ JB = 46.6 to 69, all values in °C/W	5

Changes from Revision S (November 2022) to Revision T (March 2023)	Page
• Updated the structural layout of document to current standard.....	1
• Updated thermal values for NS package from R θ JA = 79.4 to 110.8, R θ JC(top) = 35.8 to 72, R θ JB = 40.2 to 72.6, Ψ JT = 5.5 to 39.7, Ψ JB = 39.9 to 72.3, all values in °C/W.....	5

Changes from Revision K (December 2022) to Revision L (March 2023)	Page
• Updated structural layout of document and format of tables.....	1
• Updated thermal values for DW package from R θ JA = 79.2 to 102.3, R θ JC(top) = 43.7 to 69.9, R θ JB = 47 to 70.8, Ψ JT = 18.6 to 46.4, Ψ JB = 46.5 to 70.4, all values in °C/W.....	5

Changes from Revision F (November 2022) to Revision G (March 2023)
Page

- Updated structural layout of document to current standards..... 1
- Updated thermal values for PW package from RθJA = 108 to 138.7, RθJC(top) = 40.8 to 69.1, RθJB = 51.1 to 81.8, ΨJT = 3.8 to 20.3, ΨJB = 50.6 to 81.3, all values in °C/W 5

Changes from Revision C (October 2007) to Revision D (March 2023)
Page

- Added *Applications*, *Package Information* table, *Pin Functions* table, *ESD Ratings* table, *Thermal Information* table, *Device Functional Modes*, *Application and Implementation* section, *Power Supply Recommendations* section, *Layout* section, *Device and Documentation Support* section, and *Mechanical, Packaging, and Orderable Information* section..... 1
- Updated thermal values for PW package from RθJA = 83 to 128.2, all values in °C/W 5

The datasheet number will be changing.

Device Family	Change From:	Change To:	
SN74LV573A	SCLS411I	SCLS411J	http://www.ti.com/product/SN74LV573A
SN74LV367A	SCLS398H	SCLS398I	http://www.ti.com/product/SN74LV367A
SN74LV174A	SCLS401H	SCLS401I	http://www.ti.com/product/SN74LV174A
SN74LV175A	SCLS400I	SCLS400I	http://www.ti.com/product/SN74LV175A
SN74LV540A	SCLS409I	SCLS409J	http://www.ti.com/product/SN74LV540A
SN74LV244A	SCLS383P	SCLS383Q	http://www.ti.com/product/SN74LV244A
SN74LV273A	SCLS399M	SCLS399N	http://www.ti.com/product/SN74LV273A
SN74LV541A	SCLS410L	SCLS410M	http://www.ti.com/product/SN74LV541A
SN74LV164A	SCLS403J	SCLS403K	http://www.ti.com/product/SN74LV164A
SN74LV595A	SCLS414S	SCLS414T	http://www.ti.com/product/SN74LV595A
SN74LV374A	SCLS408K	SCLS408L	http://www.ti.com/product/SN74LV374A
SN74LV595A-Q1	SCLS539F	SCLS539G	http://www.ti.com/product/SN74LV595A-Q1
SN74LV373A-Q1	SCLS586C	SCLS586D	http://www.ti.com/product/SN74LV373A-Q1

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:

SN74LV573ADBR	SN74LV573ADWR	SN74LV573APWR	SN74LV573ARGYRG4	
SN74LV573ADBRG4	SN74LV573ANS	SN74LV573APWRG4	SN74LV367AD	
SN74LV573ADGVR	SN74LV573ANSR	SN74LV573APWT	SN74LV367ADE4	
SN74LV573ADW	SN74LV573APW	SN74LV573ARGYR	SN74LV367ADGVR	
SN74LV367ADR	SN74LV367ANSR	SN74LV367APWR	SN74LV367APWT	
SN74LV174AD	SN74LV174ADGVR	SN74LV174ADR	SN74LV174ANSR	
SN74LV174APW	SN74LV174APWR	SN74LV175AD	SN74LV175ADGVR	
SN74LV175ADR	SN74LV175ANSR	SN74LV175APW	SN74LV175APWR	
SN74LV175APWT	SN74LV540ADBR	SN74LV540ADGVR	SN74LV540ADW	
SN74LV540ADWR	SN74LV540ANSR	SN74LV540APW	SN74LV540APWR	
SN74LV540ARGYR	SN74LV244ADBR	SN74LV244ADBRE4	SN74LV244ADBRG4	
SN74LV244ADGSR	SN74LV244ADGVR	SN74LV244ADW	SN74LV244ADWE4	
SN74LV244ADWG4	SN74LV244ADWR	SN74LV244ADWRG4	SN74LV244ANSR	
SN74LV244APW	SN74LV244APWG4	SN74LV244APWR	SN74LV244APWRE4	
SN74LV244APWRG3	SN74LV244APWRG4	SN74LV244APWT	SN74LV244ARGYR	
SN74LV244ARKSR	SN74LV273ADBR	SN74LV273ADBRE4	SN74LV273ADBRG4	
SN74LV273ADGSR	SN74LV273ADGVR	SN74LV273ADW	SN74LV273ADWG4	
SN74LV273ADWR	SN74LV273ANSR	SN74LV273APW	SN74LV273APWE4	
SN74LV273APWG4	SN74LV273APWR	SN74LV273APWRE4	SN74LV273APWRG4	
SN74LV273APWT	SN74LV273ARGYR	SN74LV273ARKSR	SN74LV541ADBR	
SN74LV541ADBRE4	SN74LV541ADGSR	SN74LV541ADW	SN74LV541ADWR	
SN74LV541ANSR	SN74LV541APW	SN74LV541APWG4	SN74LV541APWR	
SN74LV541APWRG4	SN74LV541APWT	SN74LV541ARGYR	SN74LV541ARKSR	
SN74LV164ABQAR	SN74LV164AD	SN74LV164ADBR	SN74LV164ADGVR	
SN74LV164ADR	SN74LV164ANSR	SN74LV164APW	SN74LV164APWG4	
SN74LV164APWR	SN74LV164APWRG4	SN74LV164APWT	SN74LV164ARGYR	
PSN74LV595ABQBR	SN74LV595ABQBR	SN74LV595AD	SN74LV595ADR	
SN74LV595ADRG3	SN74LV595ADRG4	SN74LV595ANSR	SN74LV595APWR	
SN74LV595APWRG3	SN74LV595APWRG4	SN74LV595APWT	SN74LV595ARGYR	
SN74LV595ARGYRG4	SN74LV374ADBR	SN74LV374ADW	SN74LV374ADWG4	
SN74LV374ADWR	SN74LV374ANSR	SN74LV374APW	SN74LV374APWR	
PCLV595AQWBQBRQ1	SN74LV595AIPWRG4Q1	SN74LV595AIPWRQ1	SN74LV595AQPWRQ1	
SN74LV595AQWBQBRQ1	SN74LV373AIPWRG4Q1	SN74LV373AIPWRQ1		

For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.

Location	E-Mail
WW Change Management Team	PCN_ww_admin_team@list.ti.com

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