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.

TEXAS INSTRUMENTS

SN74LV573A
SCLS411J – APRIL 1998 – REVISED MARCH 2023

Changes from Revision I (April 2005) to Revision J (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 = 131.8 to 128.2, all values in °C/W	5

TEXAS INSTRUMENTS

SN74LV367A
SCLS398I – APRIL 1998 – REVISED MARCH 2023

Changes from Revision H (December 2022) to Revision I (March 2023)	Page
• Removed DB package from *Package Information* table and updated structural layout of document	1
• Updated thermal values for D package from RθJA = 73 to 107.7, all values in °C/W	5

TEXAS INSTRUMENTS

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	1
• Updated thermal values for D package from RθJA = 73 to 107.7, all values in °C/W	5

TEXAS INSTRUMENTS

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

TEXAS INSTRUMENTS

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 *Features* section, and added NS package to *Package Information* table	1
• Added ± to values in *ESD Ratings* section	4
• 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	5

Changes from Revision P (January 2023) to Revision Q (March 2023)	Page
• Updated thermal values for DB package from RθJA = 94.7 to 118.2, RθJC(top) = 56.7 to 77.2, RθJB = 49.9 to 73, ΨJT = 18.7 to 42.2, ΨJB = 49.5 to 72.6, all values in °C/W	5
• Updated thermal values for DW package from RθJA = 79.4 to 102.3 RθJC(top) = 43.8 to 69.9, RθJB = 47.2 to 70.8, ΨJT = 18.8 to 46.4, ΨJB = 46.7 to 70.4, all values in °C/W	5
• Updated thermal values for NS package from RθJA = 76.9 to 108.1, RθJC(top) = 43.4 to 73.9, RθJB = 44.5 to 73.1, ΨJT = 17.0 to 44.1, ΨJB = 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 RθJA = 98.7 to 128.2, RθJC(top) = 60.4 to 70.5, RθJB = 56.9 to 79.3, ΨJT = 21.6 to 23.4, ΨJB = 55.1 to 78.9, all values in °C/W	6
• Updated thermal values for DW package from RθJA = 81.8 to 102.3, RθJC(top) = 47.8 to 69.9, RθJB = 49.4 to 70.8, ΨJT = 20.1 to 46.4, ΨJB = 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 RθJA = 96.0 to 118.2, RθJC(top) = 56.7 to 77.2, RθJB = 51.2 to 73, ΨJT = 19.4 to 42.2, ΨJB = 50.8 to 72.6, all values in °C/W	5
• Updated thermal values for NS package from RθJA = 77.1 to 108.1, RθJC(top) = 43.6 to 73.9, RθJB = 44.6 to 73.1, ΨJT = 17.2 to 44.1, ΨJB = 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 RθJA = 92.6 to 112.9, RθJC(top) = 53.9 to 68.7, RθJB = 46.8 to 69.4, ΨJT = 18.9 to 30, ΨJB = 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 RθJA = 79.4 to 110.8, RθJC(top) = 35.8 to 72, RθJB = 40.2 to 72.6, ΨJT = 5.5 to 39.7, ΨJB = 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 RθJA = 79.2 to 102.3, RθJC(top) = 43.7 to 69.9, RθJB = 47 to 70.8, ΨJT =18.6 to 46.4, ΨJB = 46.5 to 70.4, all values in °C/W	5

TEXAS INSTRUMENTS

SN74LV595A-Q1

SCLS539G – AUGUST 2003 – REVISED MARCH 2023

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

TEXAS INSTRUMENTS

SN74LV373A-Q1

SCLS586D – JUNE 2004 – REVISED MARCH 2023

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	

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

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