



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**Notification# 20241022002.0
Datasheet for SN74LV4053A-Q1 and SN74LV4052A-Q1
Information Only**

Date: October 25, 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

20241022002.0
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
SN74LV4052AQPWRQ1	NULL
SN74LV4052AQDYRQ1	NULL
SN74LV4053AQDYRQ1	NULL
SN74LV4053AQPWRQ1	SN74LV4053AQPWRQ1

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

PCN Number:		20241022002.0		PCN Date:		October 25, 2024									
Title:		Datasheet for SN74LV4053A-Q1 and SN74LV4052A-Q1													
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.															
 SN74LV4053A-Q1 SCLS521F – AUGUST 2003 – REVISED OCTOBER 2024															
<table><tr><td>Changes from Revision E (September 2024) to Revision F (October 2024)</td><td>Page</td></tr><tr><td>• Added 50mA to the Switch IO diode clamp current.....</td><td>5</td></tr><tr><td>• Added typical spec for I_{CC} at 25°C.....</td><td>6</td></tr></table>								Changes from Revision E (September 2024) to Revision F (October 2024)	Page	• Added 50mA to the Switch IO diode clamp current.....	5	• Added typical spec for I _{CC} at 25°C.....	6		
Changes from Revision E (September 2024) to Revision F (October 2024)	Page														
• Added 50mA to the Switch IO diode clamp current.....	5														
• Added typical spec for I _{CC} at 25°C.....	6														
 SN74LV4052A-Q1 SCLS469J – MARCH 2003 – REVISED OCTOBER 2024															
<table><tr><td>Changes from Revision I (October 2024) to Revision J (October 2024)</td><td>Page</td></tr><tr><td>• Removed duplicate Figure 6-9</td><td>9</td></tr></table>								Changes from Revision I (October 2024) to Revision J (October 2024)	Page	• Removed duplicate Figure 6-9	9				
Changes from Revision I (October 2024) to Revision J (October 2024)	Page														
• Removed duplicate Figure 6-9	9														
<table><tr><td>Changes from Revision H (September 2024) to Revision I (October 2024)</td><td>Page</td></tr><tr><td>• Added 50mA to the Switch IO diode clamp current.....</td><td>4</td></tr><tr><td>• Added typical spec for I_{CC} at 25°C.....</td><td>5</td></tr><tr><td>• Added typical spec for C_{IS} at 25°C.....</td><td>5</td></tr></table>								Changes from Revision H (September 2024) to Revision I (October 2024)	Page	• Added 50mA to the Switch IO diode clamp current.....	4	• Added typical spec for I _{CC} at 25°C.....	5	• Added typical spec for C _{IS} at 25°C.....	5
Changes from Revision H (September 2024) to Revision I (October 2024)	Page														
• Added 50mA to the Switch IO diode clamp current.....	4														
• Added typical spec for I _{CC} at 25°C.....	5														
• Added typical spec for C _{IS} at 25°C.....	5														
The datasheet number will be changing.															
Device Family		Change From:		Change To:											
SN74LV4053A-Q1		SCLS521E		SCLS521F											
SN74LV4052A-Q1		SCLS469H		SCLS469J											
These changes may be reviewed at the datasheet links provided. http://www.ti.com/product/SN74LV4053A-Q1 http://www.ti.com/product/SN74LV4052A-Q1															
Reason for Change:															
To accurately reflect device characteristics.															
Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):															
No anticipated impact.															
Changes to product identification resulting from this PCN:															
None.															
Product Affected:															
<table><tr><td>SN74LV4053AQDYRQ1</td><td>SN74LV4053AQPWRQ1</td><td>SN74LV4052AQDYRQ1</td><td>SN74LV4052AQPWRQ1</td></tr></table>								SN74LV4053AQDYRQ1	SN74LV4053AQPWRQ1	SN74LV4052AQDYRQ1	SN74LV4052AQPWRQ1				
SN74LV4053AQDYRQ1	SN74LV4053AQPWRQ1	SN74LV4052AQDYRQ1	SN74LV4052AQPWRQ1												

For questions regarding this notice, e-mails can be sent to the Change Management team or your local Field Sales Representative.

IMPORTANT NOTICE AND DISCLAIMER

TI PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATASHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES “AS IS” AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with TI products. You are solely responsible for (1) selecting the appropriate TI products for your application, (2) designing, validating and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, or other requirements. These resources are subject to change without notice. TI grants you permission to use these resources only for development of an application that uses the TI products described in the resource. Other reproduction and display of these resources is prohibited. No license is granted to any other TI intellectual property right or to any third party intellectual property right. TI disclaims responsibility for, and you will fully indemnify TI and its representatives against, any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

TI's products are provided subject to TI's Terms of Sale (www.ti.com/legal/termsofsale.html) or other applicable terms available either on ti.com or provided in conjunction with such TI products. TI's provision of these resources does not expand or otherwise alter TI's applicable warranties or warranty disclaimers for TI products.