



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**Notification# 20250316002.0
Datasheet for Nx556, Sx556
Information Only**

Date: March 17, 2025

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

20250316002.0
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
M38510/10902BCA	
NA556N	
NE556DBR	
JM38510/10902BCA	
NE556DR	
SA556N	
NA556DR	
SA556N	
NE556DR	
NE556N	
SE556JB	
SE556J	
SE556J	
NE556NSR	

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

PCN Number:	20250316002.0		PCN Date:	March 17, 2025														
Title:	Datasheet for Nx556, Sx556																	
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.  NA556, NE556, SA556, SE556 SLFS023I – APRIL 1978 – REVISED MARCH 2025 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Changes from Revision H (December 2024) to Revision I (March 2025)</th> <th style="text-align: right;">Page</th> </tr> </thead> <tbody> <tr> <td>• Updated <i>Device Information</i> table to show correct temperature range for each device.....</td> <td style="text-align: right;">1</td> </tr> <tr> <td>• Added thermal specifications for DB package in <i>Thermal Information</i></td> <td style="text-align: right;">3</td> </tr> <tr> <td>• Changed minimum monostable pulse duration from 1µs to 10µs in <i>Monostable Operation</i> to fix typo.....</td> <td style="text-align: right;">8</td> </tr> </tbody> </table> The datasheet number will be changing. <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Device Family</td> <td style="width: 33%;">Change From:</td> <td style="width: 33%;">Change To:</td> </tr> <tr> <td>Nx556, Sx556</td> <td>SLFS023H</td> <td>SLFS023I</td> </tr> </table> These changes may be reviewed at the datasheet links provided. http://www.ti.com/product/NA556					Changes from Revision H (December 2024) to Revision I (March 2025)	Page	• Updated <i>Device Information</i> table to show correct temperature range for each device.....	1	• Added thermal specifications for DB package in <i>Thermal Information</i>	3	• Changed minimum monostable pulse duration from 1µs to 10µs in <i>Monostable Operation</i> to fix typo.....	8	Device Family	Change From:	Change To:	Nx556, Sx556	SLFS023H	SLFS023I
Changes from Revision H (December 2024) to Revision I (March 2025)	Page																	
• Updated <i>Device Information</i> table to show correct temperature range for each device.....	1																	
• Added thermal specifications for DB package in <i>Thermal Information</i>	3																	
• Changed minimum monostable pulse duration from 1µs to 10µs in <i>Monostable Operation</i> to fix typo.....	8																	
Device Family	Change From:	Change To:																
Nx556, Sx556	SLFS023H	SLFS023I																
Reason for Change:																		
To accurately reflect device characteristics. Datasheet update driven by changes announced in PCN 20250115001. These changes are part of our multiyear plan to transition products from our 150-millimeter factories to newer, more efficient manufacturing processes and technologies, underscoring our commitment to product longevity and supply continuity.																		
Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):																		
Datasheet update has no anticipated impact.																		
Changes to product identification resulting from this PCN:																		
None.																		
Product Affected:																		
JM38510/10902BCA	M38510/10902BCA	NA556DR	NA556N															
NE556DBR	NE556DR	NE556N	NE556NS															
NE556NSR	SA556N	SE556J	SE556JB															

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.