

Notification Number:	20230522013.0	Notification Date:	May 24, 2023
Title:	Datasheet for LSF0102-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.



LSF0102-Q1

SDLS969B – MAY 2018 – REVISED MAY 2023

Changes from Revision A (April 2021) to Revision B (May 2023)

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• Updated the <i>Recommended Operating Conditions</i> table to reflect maximum of 5.5 V.....	4
• Updated the <i>Thermal Information</i> table.....	4
• Changed all <i>Switching Characteristic</i> Test Conditions.....	6
• Added the <i>Output Enable</i> section.....	9
• Added the <i>Up and Down Translation</i> sections.....	11
• Changed <i>pull up resistor</i> to <i>bias resistor</i> in <i>Enable, Disable, and Reference Voltage Guidelines</i> section.....	12
• Added the <i>Bias Circuitry</i> section.....	13
• Updated the current values in the table titled <i>Pull-up Resistor Values</i>	13
• Added image to the <i>Mixed-Mode Voltage Translation</i> section.....	14
• Added the <i>Single Supply Translation</i> section.....	15
• Added section <i>Voltage Translation for Vref_B < Vref_A + 0.8 V</i>	17

The datasheet number will be changing.

Device Family	Change From:	Change To:
LSF0102-Q1	SDLS969A	SDLS969B

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/LSF0102-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:

LSF0102QDCURQ1			
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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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