

PCN Number:	20231026004.0	PCN Date:	November 09, 2023
Title:	Datasheet for TL103Wx		
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.



TL103W, TL103WA, TL103WB
SLOS4370 – APRIL 2004 – REVISED OCTOBER 2023

Changes from Revision N (August 2023) to Revision O (October 2023)	Page
• Changed maximum input offset voltage, reference tolerance, total supply current and sink-current range in the <i>Features</i> section.....	1
• Changed <i>Typical Application Circuit</i> figure to include TL103WB and Opto-emulator.....	1
• Changed TL103WB D (SOIC, 8) status from advanced information (preview) to production data (active).....	1
• Changed <i>Thermal Information</i> table to include latest thermal metrics	5
• Added DDF information to <i>Thermal Information</i> table.....	5
• Updated k_{SVR} term to PSRR.....	6
• Changed maximum short circuit current from ± 60 mA to ± 68 mA	6
• Maximum reference input voltage deviation over temperature range for TL103W was changed from 30 mV to 35 mV.....	6
• Maximum reference input voltage deviation over temperature range for TL103WA was changed from 30 mV to 26 mV.....	6
• Added figures to the <i>Typical Characteristics</i> section to highlight the TL103WB device.....	9
• Added the <i>Detailed Description</i> and <i>Application and Implementation</i> sections.....	13
• Added the <i>Application and Implementation</i> sections.....	15

The datasheet number will be changing.

Device Family	Change From:	Change To:
TL103Wx	SLOS437N	SLOS437O

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TL103W>

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 PCN:

None.

Product Affected:

TL103WAID	TL103WAIDR	TL103WID	TL103WIDR
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For questions regarding this notice, e-mails can be sent to the Change Management team or your local Field Sales Representative.

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