



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**Notification#20251210002.0
Datasheet for TL071, TL081
Information Only**

Date: December 10, 2025
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



20251210002.0
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
TL081ACP	NULL
TL081BCDR	NULL
TL081IP	NULL
TL071ACP	NULL
TL081BCP	NULL
TL071BCDR	NULL
TL071BCP	NULL
TL071IP	NULL
TL081ACDR	NULL
TL071CDR	NULL
TL071CPSR	TL071CPSR
TL081CP	NULL
TL081IDR	NULL
TL081CDR	NULL
TL071IDR	NULL
TL071CP	NULL

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

PCN Number:		20251210002.0	PCN Date:		December 10, 2025
Title:		Datasheet for TL071, TL081			
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.					
		<div>TL071, TL071A, TL071B, TL071H TL072, TL072A, TL072B, TL072H, TL072M TL074, TL074A, TL074B, TL074H, TL074M SLOS080W – SEPTEMBER 1978 – REVISED JULY 2025</div>			
Changes from Revision V (April 2023) to Revision W (July 2025)					Page
• Deleted references to trim function from all packages except PS (SO, 8) package.....					1
• Changed V_n from 18nV/√Hz to 37nV/√Hz in <i>Features</i>					1
• Updated <i>Device Information</i> table to match <i>Package Option Addendum</i>					1
• Updated front page image to show which device uses the PS package only.....					1
• Updated <i>Pin Configuration and Functions</i> to show that only PS package (PDIP, 8) has trim function.....					3
• Added note regarding old and new dies.....					10
• Deleted Figure 5-19, <i>THD+N Ratio vs Frequency</i> and Figure 5-20, <i>THD+N vs Output Amplitude</i>					17
• Added "for PS Package (SO, 8) Only" to Figure 7-3 caption.....					28
• Deleted <i>Unity Gain Buffer</i> and <i>System Examples</i> sections.....					30
• Deleted Equation 1 from <i>Detailed Design Procedure</i>					30
• Deleted "This ensures the part does not draw too much current." from <i>Detailed Design Procedure</i>					30
• Added <i>Device Nomenclature</i> table.....					34
		<div>TL081, TL081A, TL081B, TL081H TL082, TL082A, TL082B, TL082H TL084, TL084A, TL084B, TL084H SLOS081O – FEBRUARY 1977 – REVISED SEPTEMBER 2025</div>			
Changes from Revision N (June 2024) to Revision O (September 2025)					Page
• Changed $V_n = 18\text{nV}/\sqrt{\text{Hz}}$ to $V_n = 37\text{nV}/\sqrt{\text{Hz}}$ in <i>Features</i>					1
• Updated <i>Device Information</i> table.....					1
• Changed TL081 to TL081 SOIC only in figure1 and TL081 (Each Amplifier) in figure2 of <i>Logic Symbols</i>					1
• Updated pin name from V– to VCC– and V+ to VCC+ in Figure 4-1 and Figure 4-2.....					3
• Updated caption for Figure 4-3.....					3
• Updated caption for Figure 4-4.....					3
• Changed TL081x to TL081C in Table 4-2.....					3
• Updated HBM value from 2000V to 1500V.....					9
• Deleted plots for <i>THD+N Ratio vs Frequency</i> , <i>THD+N vs Output Amplitude</i> , and <i>CMRR and PSRR vs Frequency</i>					17
• Added "(for SO Package Only)" to Figure 6-4, <i>Test Figure 4</i>					23
• Deleted <i>System Examples</i> section.....					26
• Updated 2nd bullet in <i>Layout Guidelines</i>					26
• Added <i>Device Nomenclature</i> table.....					28

The datasheet number will be changing.

Device Family	Change From:	Change To:
TL071	SLOS080V	SLOS080W
TL081	SLOS081N	SLOS081O

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TL071>

<http://www.ti.com/product/TL081>

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:

TL071ACDR	TL071ACDR.A	TL071ACP	TL071ACP.A
TL071BCDR	TL071BCDR.A	TL071BCP	TL071BCP.A
TL071CDR	TL071CDR.A	TL071CP	TL071CP.A
TL071CPS	TL071CPS.A	TL071CPSR	TL071CPSR.A
TL071IDR	TL071IDR.A	TL071IP	TL071IP.A
TL081ACDR	TL081ACP	TL081BCDR	TL081BCP
TL081CDR	TL081CP	TL081CPS	TL081CPSR
TL081IDR	TL081IP		

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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