



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

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

Date: December 10, 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

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	
TL071ACDR	
TL081BCDR	
TL081IP	
TL071ACP	
TL081BCP	
TL081CP	
TL071BCP	
TL071IP	
TL071CDR	
TL081CP	
TL081IDR	
TL081CDR	
TL071IDR	
TL071CP	
TL071CPSR	
TL081IP	

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.



TL071, TL071A, TL071B, TL071H
TL072, TL072A, TL072B, TL072H, TL072M
TL074, TL074A, TL074B, TL074H, TL074M
 SLOS080W – SEPTEMBER 1978 – REVISED JULY 2025

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



TL081, TL081A, TL081B, TL081H
TL082, TL082A, TL082B, TL082H
TL084, TL084A, TL084B, TL084H
 SLOS081O – FEBRUARY 1977 – REVISED SEPTEMBER 2025

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.

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.