



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

Notification# 20260427003.0
Datasheet for TLE208x, TLE208xA and TLE207x,TLE207xA
Information Only

Date: April 27, 2026

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

20260427003.0
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
TLE2074AIDW	
TLE2074IDW	
TLE2072CDR	
TLE2082ACP	
TLE2071IDR	
TLE2074ACDW	
TLE2072IDR	
TLE2072AIDR	
TLE2072IDR	
TLE2074CDWR	
TLE2072CP	
TLE2082CDR	
TLE2082CP	
TLE2074IN	
TLE2082IDR	
TLE2071ACP	
TLE2081CP	
TLE2074CDW	
TLE2081CDR	
TLE2072AIDR	
TLE2082AIDR	
TLE2081ACDR	
TLE2084ACN	
TLE2071IP	
TLE2082ACDR	
TLE2084CDWR	

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

• Deleted Actual Device Component Count table.....	4
• Changed specifications in the Absolute Maximum Ratings table.....	7
• Deleted rows for FK, J, and JG packages.....	7
• Changed specifications in TLE2081C Electrical Characteristics 5V section.....	8
• Changed specifications in TLE2081C Operating Characteristics 5V section.....	9
• Changed specifications in TLE2081C Electrical Characteristics 15V section.....	9
• Changed specifications in TLE2081C Electrical Characteristics 15V section.....	10
• Changed specifications in TLE2081I Electrical Characteristics 5V section.....	12
• Changed specifications in TLE2081I Operating Characteristics 5V section.....	13
• Changed specifications in TLE2081I Electrical Characteristics 15V section.....	14
• Changed specifications in TLE2081I Operating Characteristics 15V section.....	15
• Changed specifications in TLE2082C Electrical Characteristics 5V section.....	16
• Changed specifications in TLE2082C Operating Characteristics 5V section.....	17
• Changed specifications in TLE2082C Electrical Characteristics 15V section.....	18
• Changed specifications in TLE2082C Operating Characteristics 15V section.....	19
• Changed specifications in TLE2082I Electrical Characteristics 5V section.....	20
• Changed specifications in TLE2082I Operating Characteristics 5V section.....	21
• Changed specifications in TLE2082I Electrical Characteristics 15V section.....	22
• Changed specifications in TLE2082I Operating Characteristics 15V section.....	23
• Changed specifications in TLE2084C Electrical Characteristics 5V section.....	24
• Changed specifications in TLE2084C Operating Characteristics 5V section.....	25
• Changed specifications in TLE2084C Electrical Characteristics 15V section.....	26
• Changed specifications in TLE2084C Operating Characteristics 15V section.....	27
• Deleted table of graphs.....	28
• Deleted Figure 14 through Figure 73.....	28
• Added Figure 6-12 through Figure 6-17	28
• Deleted TLE2081 input offset voltage nulling section.....	31
• Deleted macromodel information section.....	31



TLE2071, TLE2071A, TLE2071AM, TLE2071M
TLE2072, TLE2072A, TLE2072AM, TLE2072M
TLE2074, TLE2074A, TLE2074AM, TLE2074M
 SLOS181D – FEBRUARY 1997 – REVISED JANUARY 2026

Changes from Revision C (February 1997) to Revision D (January 2025)	Page
• Deleted "On chip offset voltage trimming for improved DC performance".....	1
• Deleted "Direct upgrades to TL05x, TL07x, and TL08x Operational Amplifiers".....	1
• Changed Low bias current from $\pm 1\text{pA}$ to $\pm 15\text{pA}$	1
• Removed Total current in and out of VCC.....	7
• Changed Supply voltage values.....	7
• Changed Common mode input voltage input range.....	7
• Changed minimum from -19V to 0V	7
• Changed Maximum Positive peak output voltage swing typical value from 4.1V to 4.985V	8
• Changed Maximum Positive peak output voltage swing typical value from 3.9V to 4.925V	8
• Changed Maximum Positive peak output voltage swing typical value from 2.3V to 4.5V	8
• Deleted Full range values in I_{OS} CMRR.....	8
• Changed Maximum negative peak output voltage swing typical value from -4.2V to -4.985V	8
• Changed Maximum negative peak output voltage swing typical value from -4.1V to -4.925V	8
• Changed Maximum negative peak output voltage swing typical value from -2.4V to -4.5V	8
• Deleted Full range values in A_{VD}	8
• Changed Input resistance separated for differential and common mode, values to $100\text{M}\Omega$ and $6\text{T}\Omega$	8
• Changed Input capacitance from 11pF to 1pF , 2.9pF to 9pF	8
• Changed CMRR typical value from 89dB to 85dB	8
• Changed Supply current values from 1.6mA to 2.48mA and 2.2mA to 2.92mA	8

• Changed Short circuit output current values from -35mA to ±65mA.....	8
• Changed Slew rate typical values from 35V/μs to 32V/μs in EC table of specifications.	9
• Merged positive and negative slew rates in EC table of specifications.	9
• Deleted maximum value for Equivalent input noise voltage and at 10KHz typical value updated from 12nV/√Hz to 4.4nV/√Hz in EC table of specifications.....	9
• Changed Peak to peak equivalent input noise voltage, from 0.6μV _{PP} to 2.77μV _{PP} in EC table of specifications.....	9
• Changed Equivalent input noise current from 2.8fA/√Hz to 60fA/√Hz at 1KHz in EC table of specifications.....	9
• Changed THD+N value from 0.013% to 0.0032% and 90dB in EC table of specifications.....	9
• Changed Unity gain bandwidth values from 9.4MHz to 10.6MHz in EC table of specifications.....	9
• Changed Maximum output swing bandwidth from 2.8Mhz to 300KHz in EC table of specifications.....	9
• Changed V _{OM+} values from 14.1V to 14.985V at 200μA from 13.9V to 14.925V at 2mA, from 12.3V to 14.5V at 20mA.....	9
• Changed V _{OM-} valued from -14.2V to -14.985V at 200μA from -14V to -14.925V at 2mA, from -12.4V to -14.5V at 20mA.....	9
• Deleted Full range for CMRR.....	9
• Changed Input capacitance Differential mode from 2.5pF to 9pF.....	9
• Changed Input capacitance Common mode from 7.5pF to 1pF.....	9
• Changed Supply current typical from 1.7mA to 2.48mA.....	9
• Changed Supply current maximum from 2.2mA to 2.92mA.....	9
• Changed Short-circuit output current typical value to ±65mA.....	9
• Updated Phase Margin vs Load Capacitance plot.....	44
• Updated Non-inverting Large-Signal Pulse Response plot.....	44
• Updated Small-Signal Pulse Response plot.....	44
• Updated Open-Loop Output Impedance vs Frequency plot.....	44
• Removed several plots from <i>Typical Characteristics</i> section.....	44

The datasheet number will be changing.

Device Family	Change From:	Change To:
TLE208x and TLE208xA	SLOS182B	SLOS182C
TLE207x,TLE207xA	SLOS181C	SLOS181D

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TLE2081>

<http://www.ti.com/product/TLE2071>

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Reason for Change:

To accurately reflect device characteristics.

Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):

There are changes in the electrical specifications. Review the updated datasheet for more details on the changes.

Changes to product identification resulting from this PCN:

None.

Product Affected:

TLE2071IDR.A	TLE2084CDWR.A	TLE2072AIDR.A	TLE2081IDR.A
TLE2072IP.A	TLE2082ACP.A	TLE2071ACP.A	TLE2082AIDRG4.A
TLE2082IP.A	TLE2071ACDR	TLE2084IDW.A	TLE2081CDR.A
TLE2081AIP.A	TLE2072AIDR	TLE2082AIDR.A	TLE2081IP.A

TLE2081CP	TLE2074IDW	TLE2081AIP	TLE2082ACDR.A
TLE2081AID	TLE2074IDWR	TLE2082IDR	TLE2081ACDR.A
TLE2082ACDR	TLE2074ACN	TLE2081IP	TLE2081CDR
TLE2081IDR	TLE2074CN.A	TLE2081ACP	TLE2071AIP
TLE2084CDW	TLE2071CP.A	TLE2072IDR	TLE2074CN
TLE2071IP	TLE2072AIP.A	TLE2074IN	TLE2074ACDW
TLE2072IP	TLE2082IDRG4	TLE2072CP.A	TLE2074ACDW.A
TLE2074IN.A	TLE2084CDW.A	TLE2072IDR.A	TLE2074CDW.A
TLE2071ACDR.A	TLE2081ACP.A	TLE2074CDWR.A	TLE2074IDWR.A
TLE2084ACN.A	TLE2081CP.A	TLE2071AIP.A	TLE2074ACN.A
TLE2082IP	TLE2082CP.A	TLE2084CN	TLE2074IDW.A
TLE2084ACDW	TLE2082AIDRG4	TLE2082AIDR	TLE2082CDR.A
TLE2082CDR	TLE2082IDR.A	TLE2082CP	TLE2084IDW
TLE2071IDR	TLE2081AID.A	TLE2084CDWR	TLE2082ACP
TLE2072CDR	TLE2082AIP.A	TLE2072ACP	TLE2084ACN
TLE2072CP	TLE2084ACDW.A	TLE2074AIDW	TLE2082AIP
TLE2072AIP	TLE2084CN.A	TLE2072ACP.A	TLE2081ACDR
TLE2071AIDR.A	TLE2071ACP	TLE2074AIDW.A	TLE2071CP
TLE2072CDR.A	TLE2074CDW	TLE2074AIN.A	TLE2071AIDR
TLE2082IDRG4.A	TLE2074AIN	TLE2071IP.A	TLE2074CDWR

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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