



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**Notification# 20221219008.0
Datasheet for TL07xx
Information Only**

Date: December 21, 2022
To: TOKYO ELECTRON DEVICE (DSTR) PCN

Dear Customer:

This is an information-only announcement of a change to the datasheet for 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 (PCN_ww_admin_team@list.ti.com).

Sincerely,

Change Management Team
SC Business Services

Information Only Attachments

Products Affected:

The devices listed on this page are a subset of the complete list of affected devices. According to our records, these are the devices that you have purchased within the past twenty-four (24) months. The corresponding customer part number is also listed, if available.

| DEVICE | CUSTOMER PART NUMBER |
|-------------|----------------------|
| TL074ACDR | null |
| TL074IDR | null |
| TL072CD | null |
| TL074CN | null |
| TL072CPWR | null |
| TL074CPWR | null |
| TL071ID | null |
| TL071CPSR | null |
| TL074ID | null |
| TL074ACD | null |
| TL072CPS | null |
| TL074CDR | null |
| TL072CPSR | null |
| TL072IDR | null |
| TL072CP | null |
| TL072CDR | null |
| TL074CNSR | null |
| TL071CDR | null |
| TL074CD | null |
| TL074ACNSR | null |
| TL072ACD | null |
| TL071CD | null |
| TL072ACDR | null |
| TL074ACN | null |
| TL074CNS | null |
| TL074CPW | null |
| TL072BCDR | null |
| TL074IN | null |
| TL072HIDR | null |
| TL072ID | null |
| TL071ACDR | null |
| TL072IP | null |
| TL072ACPS | null |
| TL071IDR | null |
| TL071ACD | null |
| TL072CPE4 | null |
| TL071IP | null |
| TL071CPS | null |
| TL074HIDYYR | null |
| TL074HIDR | null |
| TL074CNE4 | null |

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

| | | | |
|--|--------------------------------------|---------------------------|-------------------|
| Notification Number: | 20221219008.0 | Notification Date: | December 21, 2022 |
| Title: | Datasheet for TL07xx | | |
| 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.

Refer to PCN 20221219006 for major changes associated with the datasheet change.



TL071, TL071A, TL071B, TL071H
TL072, TL072A, TL072B, TL072H, TL072M
TL074, TL074A, TL074B, TL074H, TL074M

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| Changes from Revision T (December 2021) to Revision U (December 2022) | Page |
|---|------|
| • Changed <i>Absolute Maximum Ratings, ESD Ratings, Recommended Operating Conditions, and Thermal Information</i> sections by merging TL07xH and TL07xx specifications..... | 11 |
| • Changed <i>Electrical Characteristics</i> tables by merging TL07xC, TL07xAC, TL07xBC, TL07xI, and TL07xM specifications..... | 16 |
| • Changed gain bandwidth value of all non-NS/non-PS packages and non-TL07xM devices from 3 MHz to 5.25 MHz..... | 16 |
| • Changed TL07xC, TL07xAC, TL07xBC, TL07xI, and TL07xM <i>Switching Characteristics</i> tables by renaming to <i>Electrical Characteristics (AC)</i> | 18 |
| • Changed input voltage noise density at 1 kHz for all non-PS/non-NS packages and all non-TL07xM devices to 37 nV/√Hz | 18 |
| • Changed THD+N for all non-PS/non-NS packages and all non-TL07xM devices to 0.00012%..... | 18 |

The datasheet number will be changing.

| | | |
|---------------|--------------|------------|
| Device Family | Change From: | Change To: |
| TL07xx | SLVSDU9B | SLVSDU9C |

These changes may be reviewed at the datasheet links provided.

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

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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:

| | | | |
|------------|-------------|------------|------------|
| TL071ACD | TL072ACDRE4 | TL072HIDR | TL074CDBR |
| TL071ACDG4 | TL072ACDRG4 | TL072HIPWR | TL074CDG4 |
| TL071ACDR | TL072ACP | TL072ID | TL074CDR |
| TL071ACP | TL072ACPE4 | TL072IDE4 | TL074CDRG4 |
| TL071BCD | TL072ACPS | TL072IDG4 | TL074CN |
| TL071BCDR | TL072BCD | TL072IDR | TL074CNE4 |
| TL071BCP | TL072BCDE4 | TL072IDRE4 | TL074CNS |
| TL071CD | TL072BCDG4 | TL072IDRG4 | TL074CNSR |
| TL071CDR | TL072BCDR | TL072IP | TL074CPW |

| | | | | |
|-------------|-------------|-------------|-------------|--|
| TL071CDRE4 | TL072BCP | TL072IPE4 | TL074CPWR | |
| TL071CDRG4 | TL072CD | TL072MJG | TL074CPWRE4 | |
| TL071CP | TL072CDE4 | TL074ACD | TL074CPWRG4 | |
| TL071CPE4 | TL072CDG4 | TL074ACDE4 | TL074HIDR | |
| TL071CPS | TL072CDR | TL074ACDR | TL074HIDYR | |
| TL071CPSR | TL072CDRE4 | TL074ACDRE4 | TL074HIPWR | |
| TL071HIDBVR | TL072CDRG4 | TL074ACN | TL074ID | |
| TL071HIDCKR | TL072CP | TL074ACNE4 | TL074IDE4 | |
| TL071HIDR | TL072CP-NG | TL074ACNSR | TL074IDG4 | |
| TL071ID | TL072CPE4 | TL074BCD | TL074IDR | |
| TL071IDR | TL072CPS | TL074BCDE4 | TL074IDR-NG | |
| TL071IDRG4 | TL072CPSR | TL074BCDR | TL074IDRE4 | |
| TL071IP | TL072CPSRG4 | TL074BCDRE4 | TL074IDRG4 | |
| TL071IPE4 | TL072CPWR | TL074BCDRG4 | TL074IN | |
| TL072ACD | TL072CPWRE4 | TL074BCN | TL074MFK | |
| TL072ACDE4 | TL072CPWRG4 | TL074BCNE4 | TL074MJ | |
| TL072ACDR | TL072HIDDFR | TL074CD | TL074QDREPA | |

For questions regarding this notice, e-mails can be sent to the contact 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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