



**12500 TI Boulevard, MS 8640, Dallas, Texas 75243**

**Notification# 20220613000.0**

**Datasheet for LMx24, LMx24x, LMx24xx, LM2902, LM2902x, LM2902xx, LM2902xxx  
Information Only**

**Date:** June 16, 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 PCN team ([PCN\\_ww\\_admin\\_team@list.ti.com](mailto:PCN_ww_admin_team@list.ti.com)).

Sincerely,

PCN 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 sixty (60) months. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
LM2902PWR	null
LM324APWR	null
LM324PWR	null
LM324KAPWR	null
LM324PW	null
LM2902PW	null
LM124D	null
LM224KADR	null
LM224KADRG4	null
LM224KAN	null
LM124DR	null
LM224ADR	null
LM224N	null
LM2902N	null
LM2902NE4	null
LM324AD	null
LM324ADR	null
LM324ANSR	null
LM324DR	null
LM324N	null
LM2902NSR	null
LM224DR	null
LM224KADG4	null
LM2902KAVQDR	null
LM2902PWRG4	null
LM2902KVQPWR	null
LM324APW	null
LM324KAN	null
LM2902DR	null
LM324APWRG4	null
LM2902KN	null
LM324NSR	null
LM2902KVQPWRG4	null
LM324D	null
LM324DRG4	null
LM224KDR	null

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



<b>Notification Number:</b>	20220613000.0	<b>Notification Date:</b>	June 16, 2022
<b>Title:</b>	Datasheet for LMx24, LMx24x, LMx24xx, LM2902, LM2902x, LM2902xx, LM2902xxx		
<b>Customer Contact:</b>	PCN Manager	<b>Dept:</b>	Quality Services
<b>Change Type:</b>			
<input type="checkbox"/> Assembly Site	<input type="checkbox"/> Design	<input type="checkbox"/> Wafer Bump Site	
<input type="checkbox"/> Assembly Process	<input checked="" type="checkbox"/> Data Sheet	<input type="checkbox"/> Wafer Bump Material	
<input type="checkbox"/> Assembly Materials	<input type="checkbox"/> Part number change	<input type="checkbox"/> Wafer Bump Process	
<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Test Site	<input type="checkbox"/> Wafer Fab Site	
<input type="checkbox"/> Packing/Shipping/Labeling	<input type="checkbox"/> Test Process	<input type="checkbox"/> Wafer Fab Materials	
		<input type="checkbox"/> Wafer Fab Process	

## Notification 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.



LM124, LM124A, LM224, LM224A, LM224K, LM224KA  
LM324, LM324A, LM324B, LM324K, LM324KA  
LM2902, LM2902B, LM2902K, LM2902KV, LM2902KAV  
SLOS066X – SEPTEMBER 1975 – REVISED MAY 2022

### Changes from Revision W (March 2015) to Revision X (May 2022)

Page

- Updated *Features* to include the B and BA versions..... 1
- Added application links to *Applications* section..... 1
- Corrected available packages in the *Device Information* table..... 1
- Added B and BA versions to *Device Information* table..... 1
- Updated package images in the *Pin Configuration and Functions* section to new format - no specification changes..... 3
- Renamed GND and Vcc to Vcc- and Vcc+, respectively, in the *Pin Functions* table ..... 3
- Added B and BA versions to *Absolute Maximum Ratings* table ..... 4
- Added the B and BA versions to the *ESD Ratings* table ..... 4
- Added B and BA versions to *Recommended Operating Conditions* table ..... 4
- Added the *Electrical Characteristics - LM324B and LM324BA* table ..... 6
- Added the *Electrical Characteristics - LM2902B and LM2902BA* table..... 8
- Removed *Documentation Support and Related Links* in the *Device and Documentation Support* section..... 20

The datasheet number will be changing.

Device Family	Change From:	Change To:
LMx24, LMx24x, LMx24xx, LM2902, LM2902x, LM2902xx, LM2902xxx	SLOS066X	SLOS066X

These changes may be reviewed at the datasheet links provided.

<https://www.ti.com/product/LM124D>

**Error! Bookmark not defined.**

### 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:			
5962-7704301VCA	LM224DR	LM2902KPWE4	LM324DR
5962-9950403V9B	LM224DRG3	LM2902KPWR	LM324DRE4
5962-9950403VCA	LM224DRG4	LM2902KVQDR	LM324DRG3
77043012A	LM224KAD	LM2902KVQDRG4	LM324DRG4
7704301CA	LM224KADG4	LM2902KVQPWR	LM324KAD
7704301DA	LM224KADR	LM2902KVQPWRG4	LM324KADR
77043022A	LM224KADRG4	LM2902N	LM324KADRG4
7704302CA	LM224KAN	LM2902NE4	LM324KAN
7704302DA	LM224KDR	LM2902NSR	LM324KANSR
JM38510/11005BCA	LM224KDRG4	LM2902PW	LM324KAPW
LM124AFKB	LM224KN	LM2902PWR	LM324KAPWR
LM124AJ	LM224N	LM2902PWRE4	LM324KAPWRG4
LM124AJB	LM224NE4	LM2902PWRG3	LM324KDR
LM124AWB	LM2902D	LM2902PWRG4	LM324KN
LM124D	LM2902DR	LM324AD	LM324KNSR
LM124DG4	LM2902DRE4	LM324ADBR	LM324KPW
LM124DR	LM2902DRG3	LM324ADE4	LM324KPWR
LM124DRG4	LM2902DRG4	LM324ADR	LM324N
LM124FKB	LM2902KAVQDR	LM324ADRE4	LM324NE3
LM124J	LM2902KAVQDRG4	LM324ADRG4	LM324NE4
LM124JB	LM2902KAVQPWR	LM324ANS	LM324NSR
LM124W	LM2902KAVQPWRG4	LM324ANSR	LM324NSRE4
LM124WB	LM2902KD	LM324ANSRG4	LM324NSRG4
LM224AD	LM2902KDB	LM324APW	LM324PW
LM224ADR	LM2902KDG4	LM324APWE4	LM324PWR
LM224ADRE4	LM2902KDR	LM324APWR	LM324PWRE4
LM224ADRG4	LM2902KN	LM324APWRG4	LM324PWRG3
LM224AN	LM2902KNSR	LM324D	LM324PWRG4
LM224D	LM2902KNSRG4	LM324DE4	M38510/11005BCA
LM224DG4	LM2902KPW	LM324DG4	

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 PCN Team	<a href="mailto:PCN_ww_admin_team@list.ti.com">PCN_ww_admin_team@list.ti.com</a>

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