



**PCN# 20240930007.1
Datasheet for LMC648x**

Change Notification

Date: October 01, 2024

To: MOUSER PCN

Dear Customer:

This is a notice of change to a product data sheet for a device that is currently offered by Texas Instruments. The details of this change are on the following pages.

We request you acknowledge receipt of this notification within **30** days of the date of this notice. Lack of acknowledgement of this notice within 30 days constitutes acceptance and approval of this change. If samples or additional data are required, requests must be received within **30 days** of this notification.

The proposed first ship date is indicated on page 3 of this notification, unless customer agreement has been reached on an earlier implementation of the change.

This notice does not change the end-of-life status of any product. Should product affected be on a previously issued product withdrawal/discontinuance notice, this notification does not extend the life of that product or change the life time buy offering/discontinuance plan.

For questions regarding this notice, contact your local Field Sales Representative or the Change Management team.

Sincerely,

Change Management Team
SC Business Services

20240930007.1
Data Sheet Change Notification
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
LMC6482AIMX/NOPB	NULL
LMC6482AIN/NOPB	NULL
LMC6482IMMX/NOPB	NULL
LMC6482IMX/NOPB	NULL
LMC6482IN/NOPB	NULL
LMC6484AIMX/NOPB	NULL
LMC6484AIN/NOPB	NULL
LMC6484IMX/NOPB	NULL
LMC6484IN/NOPB	NULL

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

PCN Number:	20240930007.1	PCN Date:	October 01, 2024
Title:	Datasheet for LMC648x		
Customer Contact:	Change Management team	Dept:	Quality Services
Proposed 1st Ship Date:		December 30, 2024	
Change Type:			
<input type="checkbox"/> Assembly Site	<input type="checkbox"/> Design	<input type="checkbox"/>	Wafer Bump Material
<input type="checkbox"/> Assembly Process	<input checked="" type="checkbox"/> Datasheet	<input type="checkbox"/>	Wafer Bump Process
<input type="checkbox"/> Assembly Materials	<input type="checkbox"/> Part number change	<input type="checkbox"/>	Wafer Fab Site
<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Test Site	<input type="checkbox"/>	Wafer Fab Materials
<input type="checkbox"/> Packing/Shipping/Labeling	<input type="checkbox"/> Test Process	<input type="checkbox"/>	Wafer Fab Process

PCN Details

Description of Change:

The product datasheet(s) is being updated as summarized below.

The following change history provides further details.



LMC6482
LMC6484

SNOS674J – OCTOBER 1997 – REVISED SEPTEMBER 2024

Changes from Revision I (February 2024) to Revision J (September 2024)

Page

- Updated front page figure, *Unity-Gain Difference Amplifier*, to swap IN+ and IN-..... 1
- Changed LMC648xl common-mode rejection ratio MIN from 65dB to 60dB for 5V supply and from 60dB to 55dB for 3V supply..... 6
- Changed common-mode rejection ratio MIN for LMC648xl from 60dB to 58dB for $T_A = -40^{\circ}\text{C}$ to $+85^{\circ}\text{C}$ 6
- Changed LMC648xAI common-mode rejection ratio MIN from 64dB to 60dB for 3V supply..... 9
- Updated Figure 7-17, *Half-Wave Rectifier With Input Current Protection (R_i)* to illustrate correct circuit..... 25

The datasheet number will be changing.

Device Family	Change From:	Change To:
LMC648x	SNOS674I	SNOS674J

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/LMC6482>

Reason for Change:

To accurately reflect device characteristics. The datasheet update is driven by the changes announced on PCN 20240930009.

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

Electrical specification performance changes as indicated above.

Changes to product identification resulting from this PCN:

None.

Product Affected:

Devices affected by changes in PCN 20240930009

LMC6482AIMX/NOPB	LMC6484AIMX/NOPB	LMC6482AIN/NOPB	
------------------	------------------	-----------------	--

Datasheet Only

LMC6484IMX/J7000533	LMC6484IN/NOPB	LMC6482IMMX/NOPB	LMC6482IMX/NOPB
---------------------	----------------	------------------	-----------------

LMC6482IN/NOPB	LMC6484IMX/NOPB	LMC6484AIN/NOPB
----------------	-----------------	-----------------

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.