



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

PCN# 20240930007.1
Datasheet for LMC648x

Change Notification

Date: October 01, 2024
To: Newark/Farnell 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
LMC6482AIN/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:													
<p>The product datasheet(s) is being updated as summarized below. The following change history provides further details.</p> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">  </div> <div style="text-align: right;"> LMC6482 LMC6484 <small>SNOS674J – OCTOBER 1997 – REVISED SEPTEMBER 2024</small> </div> </div> <table border="1" style="width: 100%;"> <thead> <tr> <th>Changes from Revision I (February 2024) to Revision J (September 2024)</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• Updated front page figure, <i>Unity-Gain Difference Amplifier</i>, to swap IN+ and IN–.....</td> <td style="text-align: right;">1</td> </tr> <tr> <td>• Changed LMC648xI common-mode rejection ratio MIN from 65dB to 60dB for 5V supply and from 60dB to 55dB for 3V supply.....</td> <td style="text-align: right;">6</td> </tr> <tr> <td>• Changed common-mode rejection ratio MIN for LMC648xI from 60dB to 58dB for T_A = –40°C to +85°C.....</td> <td style="text-align: right;">6</td> </tr> <tr> <td>• Changed LMC648xAI common-mode rejection ratio MIN from 64dB to 60dB for 3V supply.....</td> <td style="text-align: right;">9</td> </tr> <tr> <td>• Updated Figure 7-17, <i>Half-Wave Rectifier With Input Current Protection (R_i)</i> to illustrate correct circuit.....</td> <td style="text-align: right;">25</td> </tr> </tbody> </table>		Changes from Revision I (February 2024) to Revision J (September 2024)	Page	• Updated front page figure, <i>Unity-Gain Difference Amplifier</i> , to swap IN+ and IN–.....	1	• Changed LMC648xI 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 LMC648xI from 60dB to 58dB for T _A = –40°C to +85°C.....	6	• Changed LMC648xAI common-mode rejection ratio MIN from 64dB to 60dB for 3V supply.....	9	• Updated Figure 7-17, <i>Half-Wave Rectifier With Input Current Protection (R_i)</i> to illustrate correct circuit.....	25
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<p>The datasheet number will be changing.</p> <table border="1" style="width: 100%;"> <thead> <tr> <th>Device Family</th> <th>Change From:</th> <th>Change To:</th> </tr> </thead> <tbody> <tr> <td>LMC648x</td> <td>SNOS674I</td> <td>SNOS674J</td> </tr> </tbody> </table>		Device Family	Change From:	Change To:	LMC648x	SNOS674I	SNOS674J						
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LMC648x	SNOS674I	SNOS674J											
<p>These changes may be reviewed at the datasheet links provided. http://www.ti.com/product/LMC6482</p>													
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	
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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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