


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-start;"> <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%;"> <tr> <td>Device Family</td> <td>Change From:</td> <td>Change To:</td> </tr> <tr> <td>LMC648x</td> <td>SNOS674I</td> <td>SNOS674J</td> </tr> </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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