



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

Notification# 20230306001.1
Datasheet for OPAx277
Change Notification

Date: March 08, 2023
To: PREMIER 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.

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 PCN Team (PCN_ww_admin_team@list.ti.com).

Sincerely,

PCN Team
SC Business Services

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, 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
OPA2277UA	null
OPA2277UA/2K5E4	null

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

PCN Number:	20230306001.1	PCN Date:	March 08, 2023
Title:	Datasheet for OPAx277		
Customer Contact:	PCN Manager	Dept:	Quality Services
Proposed 1st Ship Date:	June 8, 2023		
Change Type:			
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design
<input type="checkbox"/>	Assembly Process	<input checked="" type="checkbox"/>	Data Sheet
<input type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site
<input type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Site
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Material
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Process
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Site
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Materials
<input type="checkbox"/>		<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.



OPA277, OPA2277, OPA4277

SBOS079C – MARCH 1999 – REVISED FEBRUARY 2023

Changes from Revision B (April 2015) to Revision C (February 2023)

Page

• Updated the numbering format for tables, figures, and cross-references throughout the document.....	1
• Changed <i>Applications</i> bullets to include links.....	1
• Deleted text regarding identical specification for the single, dual, and quad versions.....	1
• Changed Offset Trim pin type from "Input" to "—"......	3
• Changed "DFN" to "DRM (VSON)" in <i>OPA2277 Pin Functions</i> table.....	3
• Added table note for 10-mA current limit on input pins in <i>Absolute Maximum Ratings</i>	6
• Deleted operating temperature from <i>Absolute Maximum Ratings</i>	6
• Deleted lead temperature from <i>Absolute Maximum Ratings</i>	6
• Changed <i>Thermal Information</i> values for OPA2277 and OPA4277 SOIC packages.....	7
• Added test conditions to <i>Electrical Characteristics</i> header.....	8
• Changed format of <i>Electrical Characteristics</i> for readability.....	8
• Changed input offset voltage vs. time to long-term drift in <i>Electrical Characteristics</i>	8
• Changed input bias current test condition to separate over temperature specification.....	8
• Deleted redundant row in <i>open-loop gain</i> parameter.....	8
• Changed C _{LOAD} to C _L for consistency.....	8
• Changed Figure 6-14, <i>Change in Input Bias Current vs Common-Mode Voltage</i> , to correct typo in note.....	10
• Changed "DFN package" to "DRM package (8-pin VSON)".....	21
• Changed "DFN package" to "DRM Package" and added "8-Pin VSON".....	21
• Changed <i>Development Support</i> section to show updated links and resources.....	23

The datasheet number will be changing.

Device Family	Change From:	Change To:
OPAx277	SBOS079B	SBOS079C

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/OPA2277>

Reason for Change:

To accurately reflect device characteristics.

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:			
OPA2277AIDRMT	OPA2277UA/2K5	OPA277PA	OPA277UAG4
OPA2277AIDRMTG4	OPA2277UA/2K5E4	OPA277PAG4	OPA277UG4
OPA2277P	OPA2277UAE4	OPA277U	OPA4277PA
OPA2277PA	OPA2277UAG4	OPA277U/2K5	OPA4277UA
OPA2277PAG4	OPA2277UG4	OPA277U/2K5G4	OPA4277UA/2K5
OPA2277U	OPA277AIDRMR	OPA277UA	OPA4277UA/2K5E4
OPA2277U/2K5	OPA277AIDRMT	OPA277UA/2K5	OPA4277UAE4
OPA2277U/2K5G4	OPA277AIDRMTG4	OPA277UA/2K5E4	OPA4277UAG4
OPA2277UA	OPA277P	OPA277UAE4	

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	PCN_ww_admin_team@list.ti.com

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