


PCN Number:	20230314000.1	PCN Date:	March 21, 2023
Title:	Datasheet for OPAx227, OPAx228		
Customer Contact:	PCN Manager	Dept:	Quality Services
Proposed 1st Ship Date:	June 21, 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"/>	Wafer Bump Site
		<input type="checkbox"/>	Wafer Bump Material
		<input type="checkbox"/>	Wafer Bump Process
		<input type="checkbox"/>	Wafer Fab Site
		<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.			
		OPA227, OPA2227, OPA4227 OPA228, OPA2228, OPA4228 <small>SBOS110C – MAY 1998 – REVISED MARCH 2023</small>	

Changes from Revision B (April 2015) to Revision C (November 2022) **Page**

• Updated the numbering format for tables, figures, and cross-references throughout the document.....	1
• Added dual supply voltage in <i>Absolute Maximum Ratings</i>	5
• Added symbol for output short circuit in <i>Absolute Maximum Ratings</i>	5
• Added symbol for operating temperature in <i>Absolute Maximum Ratings</i>	5
• Added symbol for junction temperature in <i>Absolute Maximum Ratings</i>	5
• Changed HBM value in <i>ESD Ratings</i>	5
• Added CDM in <i>ESD Ratings</i>	5
• Changed to single supply voltage and dual supply voltage in <i>Recommended Operating Conditions</i>	5
• Changed format of thermal information tables for better clarity.....	6
• Changed package to P (PDIP) for OPA222xP and OPA222xPA devices in <i>Thermal Information</i>	6
• Deleted redundant power supply voltage from <i>Electrical Characteristics of OPAx227</i> because same information already listed in <i>Recommended Operating Conditions</i>	7
• Deleted redundant temperature from <i>Electrical Characteristics of OPAx227</i> because same information already listed in <i>Recommended Operating Conditions</i>	7
• Deleted redundant power supply voltage from <i>Electrical Characteristics of OPAx228</i> because same information already listed in <i>Recommended Operating Conditions</i>	9
• Deleted redundant temperature from <i>Electrical Characterisitcs of OPAx228</i> because same information already listed in <i>Recommended Operating Conditions</i>	9

The datasheet number will be changing.

Device Family	Change From:	Change To:
OPAx227, OPAx228	SBOS110B	SBOS110C

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/OPA227>

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:

OPA228UA/2K5	OPA2227UAG4	OPA227U	OPA228UAG4
OPA2228UE4	OPA2227UE4	OPA227U/2K5	OPA228UG4
OPA2227P	OPA2227UG4	OPA227UA	OPA4227PA
OPA2227PA	OPA2228P	OPA227UA/2K5	OPA4227PAG4
OPA2227U	OPA2228PA	OPA227UA/2K5G4	OPA4227UA
OPA2227U/2K5	OPA2228PAG4	OPA228P	OPA4227UA/2K5
OPA2227UAE4	OPA2228PG4	OPA228PA	OPA4227UAG4
OPA2227U/2K5G4	OPA2228U	OPA228PAG4	OPA4228PA
OPA2227UA	OPA2228U/2K5	OPA228U	OPA4228PAG4
OPA2227UA/2K5	OPA2228UA	OPA4228UA/2K5	OPA4228UA
OPA2227UA/2K5E4	OPA2228UA/2K5	OPA228UA	

For questions regarding this notice, e-mails can be sent to the contact shown below or your local Field Sales Representative.

Location	E-Mail
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