

<b>PCN Number:</b>	20240701000.0.A	<b>PCN Date:</b>	July 30, 2024
<b>Title:</b>	Datasheet for OPAx241, OPAx251		
<b>Customer Contact:</b>	Change Management team	<b>Dept:</b>	Quality Services
<b>Change Type:</b>	Electrical Specification		

**PCN Details**

**Description of Change:**

Texas Instruments Incorporated is announcing an information only notification. The product datasheet(s) is being updated as summarized below. The following change history provides further details.



OPA241, OPA2241, OPA4241, OPA251, OPA2251, OPA4251  
SBOS075A – SEPTEMBER 2000 – REVISED JUNE 2024

Changes from Revision * (September 2000) to Revision A (June 2024)	Page
• Updated the numbering format for tables, figures, and cross-references throughout document.....	1
• Added the <i>Device Information</i> table, and the <i>Pin Configuration and Functions, Recommended Operating Conditions, Thermal Information, Electrical Characteristics, Application and Implementation, Device and Documentation Support, Revision History, and Mechanical, Packaging, and Orderable Information</i> sections..	1
• Added new figure to <i>Description</i> .....	1
• Updated pin names.....	3
• Changed input voltage noise from 1μV <sub>PP</sub> to 1.7μV <sub>PP</sub> .....	7
• Changed input voltage noise density from 45nV/√Hz to 65nV/√Hz .....	7
• Changed input impedance differential capacitance from 2pF to 3.75pF.....	7
• Changed overload recovery from 60μs to 80μs.....	7
• Changed short-circuit current from –30mA to –24mA for dual and quad.....	7
• Changed short-circuit current sink from –50mA to –27mA.....	9
• Deleted <i>Input Voltage and Current Noise Spectral Density vs Frequency</i> from <i>Typical Characteristics</i> .....	11
• Added Figure 5-4, <i>Input Voltage Noise Spectral Density vs Frequency</i> and Figure 5-5, <i>Input Current Noise Spectral Density vs Frequency</i> .....	11

The datasheet number will be changing.

Device Family	Change From:	Change To:
OPAx241, OPAx251	SBOS075	<b>SBOS075A</b>

These changes may be reviewed at the datasheet links provided.  
<http://www.ti.com/product/OPA241>

**Reason for Change:**

To accurately reflect device characteristics.

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

No anticipated impact. This is a specification change announcement only. There are no changes to the actual device.

**Changes to product identification resulting from this PCN:**

None.

**Product Affected:**

OPA251UA/2K5G4	OPA2251UA/2K5	OPA2241UA	OPA241PA
OPA2241PA	OPA2251UAG4	OPA2241UA/2K5G4	OPA251UA/2K5
OPA2241UA/2K5	OPA2251UA/2K5G4	OPA251PA	OPA241UA/2K5
OPA251UA	OPA2251PAG4	OPA241UA	OPA241UAG4
OPA2251UA	OPA2241PAG4	OPA2241UAG4	OPA2251PA
<b>OPA4241PA</b>	<b>OPA4241UA</b>	<b>OPA4241UA/2K5</b>	<b>OPA4251UA</b>
<b>OPA4251UA/2K5</b>			

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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