

<b>PCN Number:</b>	20240826006.0	<b>PCN Date:</b>	August 30, 2024
<b>Title:</b>	Datasheet for THS403x		
<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.



**THS4031, THS4032**  
SLOS224L – JUNE 1999 – REVISED JULY 2024

**Changes from Revision K (May 2024) to Revision L (July 2024)**

**Page**

• Added thermal pad information in Tables 4-1 and 4-2.....	3
• Updated <i>Thermal Information: THS4032</i> for the D and DGN packages.....	5
• Changed title of <i>Electrical Characteristics - THS4031, R<sub>L</sub> = 150Ω</i> to <i>Electrical Characteristics - R<sub>L</sub> = 150Ω</i> ...	6
• Moved Total harmonic distortion for THS4032 from <i>Electrical Characteristics - THS4032, R<sub>L</sub> = 150Ω</i> to <i>Electrical Characteristics - R<sub>L</sub> = 150Ω</i> .....	6
• Moved Channel-to-channel crosstalk from <i>Electrical Characteristics - THS4032, R<sub>L</sub> = 150Ω</i> to <i>Electrical Characteristics - R<sub>L</sub> = 150Ω</i> .....	6
• Deleted Supply voltage from <i>Electrical Characteristics</i> .....	6
• Changed title of <i>Electrical Characteristics - THS4031, R<sub>L</sub> = 1kΩ</i> to <i>Electrical Characteristics - R<sub>L</sub> = 1kΩ</i> .....	8
• Changed Total harmonic distortion for THS4032 from -96 dBc to -90 dBc and moved from <i>Electrical Characteristics - THS4032, R<sub>L</sub> = 1kΩ</i> to <i>Electrical Characteristics - R<sub>L</sub> = 1kΩ</i> .....	8
• Changed unit from μA to nA for Input offset current in <i>Electrical Characteristics - R<sub>L</sub> = 1kΩ</i> .....	8
• Changed title of <i>Typical Characteristics - THS4031</i> section to <i>Typical Characteristics</i> .....	10
• Deleted <i>Typical Characteristics - THS4032</i> section.....	10
• Changed title of Figure 5-15, Figure 5-16, Figure 5-17, and Figure 5-18 from <i>Harmonic Distortion vs Frequency</i> to <i>THS4031 Harmonic Distortion vs Frequency</i> in <i>Typical Characteristics</i> .....	10
• Changed max voltage from 33V (±16.5V) to 32V (±16V) in <i>Device Functional Modes</i> .....	17

The datasheet number will be changing.

Device Family	Change From:	Change To:
THS403x	SLOS224K	<b>SLOS224L</b>

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/THS4031>

**Reason for Change:**

To accurately reflect device characteristics. The data sheet updates are driven by the changes announced in PCN 20240628010.

**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:**

THS4032IDGNR	THS4032IDR		
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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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