

PCN Number:	20230619001.0	PCN Date:	June 21, 2023
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Title: Datasheet for REF50xx

Customer Contact: Change Management team **Dept:** Quality Services

Change Type: 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.



REF5010, REF5020, REF5025, REF5030, REF5040, REF5045, REF5050
SBOS410K – JUNE 2007 – REVISED JUNE 2023

Changes from Revision J (July 2022) to Revision K (June 2023)	Page
• Changed VSSOP 2000 hours LTD information line to SOIC -8 1000 hours LTD information.....	1
• Changed <i>Long-Term Stability</i> parameters and specifications for SOIC-8 package.....	5
• Changed output voltage noise to low frequency noise to <i>Electrical Characteristics</i>	5
• Added 10 Hz to 1 Khz noise information <i>Electrical Characteristics</i>	5
• Changed Long term stability spec for SOIC-8 Package <i>Electrical Characteristics</i>	5
• Changed Figure 7-28	7
• Changed Figure 7-29	7
• Changed Figure 7-30	7
• Added noise density plot Figure 7-14	7
• Changed title of flicker noise plot Figure 7-13	7
• Changed all the load transient plot Figure 7-17 Figure 7-18 Figure 7-19 Figure 7-20	7
• Changed the plot Figure 9-3	17

The datasheet number will be changing.

Device Family	Change From:	Change To:
REF50xx	SBOS410J	SBOS410K

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/REF5010>

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:

REF5010AID	REF5025IDGKR	REF5040AIDGKR	REF5045IDGKR	
REF5010AIDGKR	REF5025IDGKT	REF5040AIDGKT	REF5045IDGKT	
REF5010AIDGKT	REF5025IDR	REF5040AIDR	REF5045IDR	
REF5010AIDR	REF5025IDRG4	REF5040ID	REF5050AID	
REF5010ID	REF5030AID	REF5040IDG4	REF5050AIDG4	
REF5010IDGKR	REF5030AIDG4	REF5040IDGKR	REF5050AIDGKR	

REF5010IDGKT	REF5030AIDGKR	REF5040IDGKT	REF5050AIDGKT	
REF5025AID	REF5030AIDGKT	REF5040IDR	REF5050AIDR	
REF5025AIDG4	REF5030AIDR	REF5040IDRG4	REF5050ID	
REF5025AIDGKR	REF5030ID	REF5045AID	REF5050IDG4	
REF5025AIDGKT	REF5030IDGKR	REF5045AIDG4	REF5050IDGKR	
REF5025AIDR	REF5030IDGKT	REF5045AIDGKR	REF5050IDGKT	
REF5025AIDRG4	REF5030IDR	REF5045AIDGKT	REF5050IDR	
REF5025ID	REF5040AID	REF5045AIDR	REF5050IDRG4	
REF5025IDG4	REF5040AIDG4	REF5045ID		

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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