12500 TI Boulevard, MS 8640, Dallas, Texas 75243

PCN# 20140922001
Update datasheet- Change to the noise specifications and voltage output swing specifications
Information Only Datasheet

Date: 9/26/2014
To: Newark/Farnell PCN

Dear Customer:

This is an information-only announcement of a change to a device that is currently offered by Texas Instruments.

The changes discussed within this PCN are for your information only.

Any negotiated alternative change requirements will be provided via the customer's defined process. Customers with previously negotiated, special requirements will be handled separately. Any inquiries should be directed to your local Field Sales Representative.

For questions regarding this notice, contact your local Field Sales Representative or the PCN Manager (PCN_ww_admin_team@list.ti.com).

Sincerely,

PCN Team
SC Business Services
Phone: +1(214) 480-6037
Fax: +1(214) 480-6659

20140922001
Attachment: 1

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
OPA172IDBVT	null
OPA172IDCKT	null

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

PCN Number:	20140922001	PCN Date:	09/26/2014
Title:	Update datasheet - Change to the noise specifications and voltage output swing specifications		
Customer Contact:	PCN Manager	Phone: +1(214) 480-6037	Dept: Quality Services

Change Type:

☐	Assembly Site	☐	Design	☐	Wafer Bump Site
☐	Assembly Process	☒	Data Sheet	☐	Wafer Bump Material
☐	Assembly Materials	☐	Part number change	☐	Wafer Bump Process
☐	Mechanical Specification	☐	Test Site	☐	Wafer Fab Site
☐	Packing/Shipping/Labeling	☐	Test Process	☐	Wafer Fab Materials
				☐	Wafer Fab Process

PCN Details

Description of Change:

Texas Instruments Incorporated is announcing an information only notification. The product datasheet(s) is being changed as summarized in the following change history:

Changes from Revision C (July 2014) to Revision D **Page**

- Changed low-noise features bullet value from 6 nV/√Hz to 7 1
- Changed OPAx172 voltage noise density from 6 nV/√Hz to 7 in Device Family Comparison table 4
- Changed input voltage noise value in Electrical Characteristics from 1.2 μV_{PP} to 2.5 μV_{PP}..... 7
- Changed input voltage noise density value at 100 Hz in Electrical Characteristics from 8.6 nV/√Hz to 12 7
- Changed input voltage noise density value at 1 kHz in Electrical Characteristics from 6 nV/√Hz to 7 7
- Changed voltage output swing values in the Electrical Characteristics 8
- Changed Figure 13 11
- Changed Figure 14 11

The datasheet number will be changing.

Device Family	Change From:	Change To:
OPA172, OPA2172, OPA4172	SBOS618C	**SBOS618D**

These changes may be reviewed at the datasheet links provided.
http://www.ti.com/product/OPA4172/datasheet?keyMatch=SBOS618D&tisearch=Search-EN

Reason for Change:

Change in specifications due to Multi-lot characterization. The new specifications are more representative of the entire family: singles, duals and quads.

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

changes as indicated above.

Changes to product identification resulting from this PCN:		
None.		
Product Affected:		
OPA172ID	OPA172IDR	OPA4172ID
OPA172IDBVR	OPA2172ID	OPA4172IDR
OPA172IDBVT	OPA2172IDGK	OPA4172IPW
OPA172IDCKR	OPA2172IDGKR	OPA4172IPWR
OPA172IDCKT	OPA2172IDR	

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

Location	E-Mail
USA	PCNAmericasContact@list.ti.com
Europe	PCNEuropeContact@list.ti.com
Asia Pacific	PCNAsiaContact@list.ti.com
Japan	PCNJapanContact@list.ti.com