

PCN Number:	20181017001.0	PCN Date:	October 23, 2018
Title:	Datasheet for OPA838		
Customer Contact:	PCN Manager	Dept:	Quality Services
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"/>		<input type="checkbox"/>	Wafer Bump Site
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Material
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Process
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Site
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Materials
<input type="checkbox"/>		<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. The following change history provides further details.



OPA838

SBOS867B – AUGUST 2017 – REVISED OCTOBER 2018

Changes from Revision A (February 2018) to Revision B

Page

• Changed < 5- μ A Shutdown Current to < 1- μ A Shutdown Current in Features section	1
• Changed value of common-mode and differential-mode input impedance in Electrical Characteristics: $V_S = 5$ V and Electrical Characteristics: $V_S = 3$ V tables	7
• Changed value of power-down quiescent current in Electrical Characteristics: $V_S = 5$ V and Electrical Characteristics: $V_S = 3$ V tables	7
• Changed 5 μ A to 1 μ A in Overview section	20
• Changed standby current from 5 μ A to 1 μ A in Power-Down Operation section	21
• Changed common-mode input capacitance from 1.3 pF to 1 pF in Trade-Offs in Selecting The Feedback Resistor Value section	22
• Changed $1 + 6.3 / 1.2 = 6.25$ V/V, adding the 1.3-pF device common-mode capacitance to $1 + 6 / 1.2 = 6$ V/V, adding the 1-pF device common-mode capacitance in Trade-Offs in Selecting The Feedback Resistor Value section	22
• Changed 2 μ A to 0.1 μ A and 5 μ A to 1 μ A in last sentence of Power Shutdown Operation section	27
• Changed Power Supply Recommendations and Thermal Notes title to Power Supply Recommendations	36

The datasheet number will be changing.

Device Family	Change From:	Change To:
OPA838	SBOS867A	SBOS867B

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/OPA838>

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:

OPA838IDBVR	OPA838IDBVT	OPA838IDCKR	OPA838IDCKT
OPA838SIDCKR	OPA838SIDCKT		

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
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