


<b>PCN Number:</b>	20180110007	<b>PCN Date:</b>	January 19, 2018
<b>Title:</b>	Datasheet for INA138, INA168		
<b>Customer Contact:</b>	PCN Manager	<b>Dept:</b>	Quality Services
<b>Change Type:</b>			
<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
<b>Notification Details</b>			
<b>Description of Change:</b>			
<p>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.</p>			
		<b>INA138, INA168</b> <small>SBOS122E – DECEMBER 1999 – REVISED DECEMBER 2017</small>	
<b>Changes from Revision D (December 2014) to Revision E</b>			<b>Page</b>
• Added reference design link to navigation bar at the top of the front page .....			1
• Changed body size from 18.00 mm × 18.00 mm to 2.90 mm × 1.60 mm in Device Information table.....			1
• Changed pin numbers in pin functions table to match pin configuration figure.....			3
• Changed <i>Absolute Maximum Ratings</i> table for clarity; no values were changed .....			4
• Changed <i>Recommended Operating Conditions</i> table; moved some content from <i>Electrical Characteristics</i> table, but no values changed .....			4
• Changed all values in Thermal Information table .....			5
• Changed <i>Electrical Characteristics</i> table; reformatted for clarity; moved some content to <i>Recommended Operating Conditions</i> table, and deleted duplicate content.....			5
• Changed common-mode rejection test conditions to better highlight each device in <i>Electrical Characteristics</i> table .....			5
• Changed offset voltage vs temperature to offset voltage drift in <i>Electrical Characteristics</i> table.....			5
• Changed offset voltage vs power supply test conditions to better highlight each device in <i>Electrical Characteristics</i> table ..			5
• Changed reference in text from Figure 10 to Figure 11 in last paragraph of <i>Selecting the Shunt Resistor and R<sub>L</sub></i> section			12
The datasheet number will be changing.			
Device Family	Change From:	Change To:	
INA138, INA168	SBOS122D	SBOS122E	
These changes may be reviewed at the datasheet links provided.			
<a href="http://www.ti.com/product/INA138">http://www.ti.com/product/INA138</a>			
<b>Reason for Change:</b>			
To accurately reflect device usage in specific application use cases.			
<b>Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):</b>			
No anticipated impact. This is a specification change announcement only. There are no changes to the actual device.			
<b>Changes to product identification resulting from this PCN:</b>			
None.			
<b>Product Affected:</b>			
INA138NA/250	INA138NA/3KG4	INA168NA/250	INA168NA/3K

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

<b>Location</b>	<b>E-Mail</b>
USA	<a href="mailto:PCNAmericasContact@list.ti.com">PCNAmericasContact@list.ti.com</a>
Europe	<a href="mailto:PCNEuropeContact@list.ti.com">PCNEuropeContact@list.ti.com</a>
Asia Pacific	<a href="mailto:PCNAsiaContact@list.ti.com">PCNAsiaContact@list.ti.com</a>
Japan	<a href="mailto:PCNJapanContact@list.ti.com">PCNJapanContact@list.ti.com</a>