



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**Notification# 20180319002  
Datasheet for AMC1301, AMC1301S  
Information Only**

**Date:** March 22, 2018  
**To:** Newark/Farnell PCN

Dear Customer:

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

The changes discussed within this notification 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](mailto:PCN_ww_admin_team@list.ti.com)).

Sincerely,

PCN Team  
SC Business Services


## Information Only Attachments

### 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.

<b>DEVICE</b>	<b>CUSTOMER PART NUMBER</b>
AMC1301DWVR	null

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

<b>PCN Number:</b>	20180319002	<b>PCN Date:</b>	March 22, 2018
<b>Title:</b>	Datasheet for AMC1301, AMC1301S		
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>	<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>AMC1301, AMC1301S</b> <small>SBAS667E – APRIL 2016 – REVISED MARCH 2018</small>	
<b>Changes from Revision D (January 2017) to Revision E</b>			
			<b>Page</b>
<ul style="list-style-type: none"> <li>• Added AMC1301S device to document ..... 1</li> <li>• Added last sentence to <i>Description</i> section ..... 1</li> <li>• Added <i>Device Comparison Table</i> section ..... 4</li> <li>• Added AMC1301S row to <math>T_A</math> parameter in <i>Recommended Operating Conditions</i> table ..... 5</li> <li>• Added AMC1301S row to <i>Climatic category</i> parameter of <i>Insulation Specifications</i> table ..... 6</li> <li>• Added AMC1301S temperature range to conditions statement of <i>Electrical Characteristics</i> table ..... 7</li> <li>• Added AMC1301S row to <math>TCV_{OS}</math> parameter in <i>Electrical Characteristics</i> table ..... 7</li> <li>• Changed <math>I_{IB}</math> parameter specification and conditions ..... 7</li> <li>• Added AMC1301S row to <math>TCE_G</math> parameter in <i>Electrical Characteristics</i> table ..... 8</li> <li>• Changed all temperature plots in Typical Characteristics section to cover <math>-55^{\circ}C</math> for the AMC1301S and added respective footnote ..... 10</li> <li>• Changed <i>Input Bias Current vs Common-Mode Input Voltage</i> figure to align with new test condition ..... 11</li> <li>• Changed <i>Input Bias Current vs High-Side Supply Voltage</i> figure to align with new test condition ..... 11</li> <li>• Changed <i>Input Bias Current vs Temperature</i> figure to align with new test condition ..... 12</li> <li>• Changed legend of <i>Output Voltage vs Input Voltage</i> figure, <math>V_{OUTP}</math> is now red and <math>V_{OUTN}</math> is now black ..... 13</li> </ul>			
The datasheet number will be changing.			
Device Family	Change From:	Change To:	
AMC1301, AMC1301S	SBAS667D	SBAS667E	
These changes may be reviewed at the datasheet links provided.			
<a href="http://www.ti.com/product/AMC1301">http://www.ti.com/product/AMC1301</a>			
<b>Reason for Change:</b>			
To accurately reflect device characteristics.			
<b>Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):</b>			
No anticipated impact. This is a specification change announcement only. The bias current definition has been adjusted based on customer inquiry to avoid misunderstanding. There are no changes to the actual device.			
<b>Changes to product identification resulting from this PCN:</b>			
None.			
<b>Product Affected:</b>			
AMC1301DWV	AMC1301DWVR		

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>