

PCN Number:	20180319002	PCN Date:	March 22, 2018
Title:	Datasheet for AMC1301, AMC1301S		
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.



AMC1301, AMC1301S

SBAS667E – APRIL 2016 – REVISED MARCH 2018

Changes from Revision D (January 2017) to Revision E	Page
• Added AMC1301S device to document	1
• Added last sentence to <i>Description</i> section	1
• Added <i>Device Comparison Table</i> section	4
• Added AMC1301S row to T_A parameter in <i>Recommended Operating Conditions</i> table	5
• Added AMC1301S row to <i>Climatic category</i> parameter of <i>Insulation Specifications</i> table	6
• Added AMC1301S temperature range to conditions statement of <i>Electrical Characteristics</i> table	7
• Added AMC1301S row to TCV_{OS} parameter in <i>Electrical Characteristics</i> table.....	7
• Changed I_{IB} parameter specification and conditions	7
• Added AMC1301S row to TCE_G parameter in <i>Electrical Characteristics</i> table	8
• Changed all temperature plots in Typical Characteristics section to cover $-55^{\circ}C$ for the AMC1301S and added respective footnote	10
• Changed <i>Input Bias Current vs Common-Mode Input Voltage</i> figure to align with new test condition.....	11
• Changed <i>Input Bias Current vs High-Side Supply Voltage</i> figure to align with new test condition.....	11
• Changed <i>Input Bias Current vs Temperature</i> figure to align with new test condition	12
• Changed legend of <i>Output Voltage vs Input Voltage</i> figure, V_{OUTP} is now red and V_{OUTN} is now black.....	13

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.

<http://www.ti.com/product/AMC1301>

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. The bias current definition has been adjusted based on customer inquiry to avoid misunderstanding. There are no changes to the actual device.

Changes to product identification resulting from this PCN:

None.

Product Affected:

AMC1301DWV	AMC1301DWVR		
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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