

PCN Number:	20161005000	PCN Date:	Oct. 6, 2016
Title:	Datasheet for AMC1301		
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

SBAS667C – APRIL 2016 – REVISED SEPTEMBER 2016

Changes from Revision B (June 2016) to Revision C	Page
• Changed 12-Bit ADC to 14-Bit ADC in <i>Simplified Schematic</i> figure	1
• Changed maximum specification of <i>Supply voltage</i> row in <i>Absolute Maximum Ratings</i> table	5
• Changed 12-Bit ADC to 14-Bit ADC in <i>Zener-Diode Based, High Side Power Supply</i> figure in <i>Power Supply Recommendations</i> section	25

Changes from Revision A (April 2016) to Revision B	Page
• Changed Features bullet from "Safety and Regulatory Approvals" to "Safety-Related Certifications"	1
• Changed <i>Simplified Schematic</i> figure in <i>Device Information</i> table	1
• Changed section title from "Regulatory Information" to "Safety-Related Certifications"	7
• Changed V_{CM} test conditions in <i>Electrical Characteristics</i> table	7
• Added V_{IN} footnote to <i>Electrical Characteristics</i> table	7
• Changed V_{IN} test conditions in <i>Electrical Characteristics</i> table	7
• Changed V_{IN} units in <i>Electrical Characteristics</i> table	7
• Changed common-mode rejection ratio test condition in <i>Electrical Characteristics</i> table	7
• Changed R_{IN} parameter information in <i>Electrical Characteristics</i> table	7
• Changed output noise equation in <i>Electrical Characteristics</i> table	8
• Deleted "Safety and" from <i>Insulation Characteristics Curves</i> section title	9
• Changed <i>Using the AMC1301 Device for Current Sensing in Frequency Inverters</i> figure in <i>Application Information</i>	20
• Changed <i>Zener-Diode Based, High Side Power Supply</i> figure in <i>Power Supply Recommendations</i>	25
• Changed wording in the <i>Receiving Notification of Documentation Updates</i> section	27
• Added a paragraph and changed the formatting of the <i>Related Documentation</i> section	27

The datasheet number will be changing.

Device Family	Change From:	Change To:
AMC1301	SBAS667A	SBAS667C

These changes may be reviewed at the datasheet links provided.

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

Reason for Change:			
To more 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:			
AMC1301DWV	AMC1301DWVR		

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