

PCN Number:	20170801002	PCN Date:	August 07, 2017
Title:	Datasheet for AMC1306E05, AMC1306E25, AMC1306M05, AMC1306M25		
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.



AMC1306E05, AMC1306E25, AMC1306M05, AMC1306M25

SBAS734A – MARCH 2017 – REVISED JULY 2017

Changes from Original (March 2017) to Revision A	Page
• Released AMC1306E05 and AMC1306M05 to production	1
• Added $\pm 50 \mu\text{V}$ to first <i>DC Performance</i> sub-bullet to reflect the AMC1306x05 devices	1
• Changed standard deviation from 0884-10 to 0884-11 in first <i>Safety-Related Certifications</i> sub-bullet.....	1
• Changed V_{PEAK} from 8000 to 7000 and standard deviation from 0884-10 to 0884-11 in first paragraph of <i>Description</i> section	1
• Deleted Status column from <i>Device Comparison Table</i>	3
• Changed standard deviation from 0884-10 to 0884-11 in <i>DIN V VDE V 0884-11</i> section of <i>Insulation Specifications</i> table	5
• Changed standard deviation from 0884-10 to 0884-11 in <i>Safety-Related Certifications</i> table	6
• Changed <i>prevent</i> to <i>minimize</i> in condition statement of <i>Safety Limiting Values</i> table	6
• Added <i>Electrical Characteristics: AMC1306x05</i> table	7
• Changed test conditions of Analog Inputs test conditions from $(\text{AINP} - \text{AINN}) / 2$ to AGND to $(\text{AINP} + \text{AINN}) / 2$ to AGND to include all possible conditions.....	9
• Changed I_{IB} test condition from <i>Inputs shorted to AGND</i> to $\text{AINP} = \text{AINN} = \text{AGND}$, $I_{\text{IB}} = I_{\text{IBP}} + I_{\text{IBN}}$	9
• Added $\text{AINP} = \text{AINN} = \text{AGND}$ to E_{O} parameter test conditions	9
• Changed minus sign to plus or minus sign in typical specification of E_{G} parameter	9
• Changed <i>10% to 90%</i> to <i>90% to 10%</i> in test conditions of t_{r} parameter	11
• Added AMC1306x05 devices to <i>Typical Characteristics</i> section	13

The datasheet number will be changing.

Device Family	Change From:	Change To:
AMC1306E05, AMC1306E25, AMC1306M05, AMC1306M25	SBAS734	SBAS734A

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/AMC1306E05> <http://www.ti.com/product/AMC1306E25>

<http://www.ti.com/product/AMC1306M05> <http://www.ti.com/product/AMC1306M25>

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:			
AMC1306E05DWV	AMC1306E05DWVR	AMC1306E25DWV	AMC1306E25DWVR
AMC1306M05DWV	AMC1306M05DWVR	AMC1306M25DWV	AMC1306M25DWVR

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