


PCN Number:	20180221001	PCN Date:	February 23, 2018
Title:	Datasheet for AMC7836		
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:			
<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>			
		AMC7836 <small>SLAS986D –NOVEMBER 2014–REVISED FEBRUARY 2018</small>	
Changes from Revision C (April 2016) to Revision D			Page
• Changed 4.5 V to 4.7 V in AV _{DD} description in Pin Functions			5
• Changed 4.5 V to 4.7 V in DV _{DD} description in Pin Functions			6
• Changed Supply voltage, AV _{DD} MIN value from 4.5 V to 4.7 V			8
• Changed Supply voltage, DV _{DD} MIN value from 4.5 V to 4.7 V			8
• Changed Supply voltage, AV _{CC} MIN value from 4.5 V to 4.7 V			8
• Changed AV _{DD} = DV _{DD} = 4.5 to 5.5 V to AV _{DD} = DV _{DD} = 4.7 to 5.5 V in Electrical Characteristics: DAC conditions			9
• Changed AV _{DD} = DV _{DD} = 4.5 to 5.5 V to AV _{DD} = DV _{DD} = 4.7 to 5.5 V in Electrical Characteristics: ADC and Temperature Sensor conditions			11
• Changed AV _{DD} = DV _{DD} = 4.5 to 5.5 V to AV _{DD} = DV _{DD} = 4.7 to 5.5 V in Electrical Characteristics: General conditions			12
• Changed AV _{DD} = DV _{DD} = 4.5 to 5.5 V to AV _{DD} = DV _{DD} = 4.7 to 5.5 V in Timing Requirements conditions			13
• Changed operating output range to auto-range detector output range in first sentence in DAC Clear Operation section..			29
• Added paragraph and Figure 59 to Internal Reference section			38
• Changed 4.5 V to 4.7 V in All-Negative DAC Range Mode section			41
• Added paragraph to Power Supply Recommendations section			78
• Added paragraph to Power Supply Recommendations section			79
The datasheet number will be changing.			
Device Family	Change From:	Change To:	
AMC7836	SLAS986C	SLAS986D	
These changes may be reviewed at the datasheet links provided. http://www.ti.com/product/AMC7836			
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:			
AMC7836IPAP	AMC7836IPAPR		

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