


PCN Number:	20190315000.0	PCN Date:	March 15, 2019
Title:	Datasheet for AFE4900		
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>			
		AFE4900 <small>SBAS857A –AUGUST 2017–REVISED FEBRUARY 2019</small>	
Changes from Original (August 2017) to Revision A			Page
<ul style="list-style-type: none"> • Changed the values of <i>Programmable INA Gain</i> in <i>Features</i> section..... 1 • Added "IEC 60601 Test Report Available on Request" in <i>Features</i> section..... 1 • Changed the typical value of <i>INA gain range</i> parameter in <i>Electrical Characteristics</i> section. 7 • Changed the typical value of <i>AC input impedance</i> parameter to '>100' in <i>Electrical Characteristics</i> table 7 • Changed the value of <i>INA gain</i> in the footnote of <i>Electrical Characteristics</i> section. 7 • Changed Figure 12..... 12 • Changed the value of <i>INA gain</i> in the condition of <i>Typical Characteristics: PPG + ECG Mode</i> section. 14 • Changed Figure 21..... 14 • Changed values of <i>INA Gain</i> in the captions of Figure 23 and Figure 24..... 14 • Changed value of <i>INA Gain</i> in the caption of Figure 26 15 • Added a note in <i>Arrangement of FIFO Data in PTT Mode</i> section. 50 • Changed <i>Power Modes</i> section 51 • Added a sentence below <i>Different Modes of Operation</i> table..... 53 • Added Register 30h in <i>Register Map</i> table..... 68 • Added Register 30h Description 97 • Changed <i>reset (hardware or software reset)</i> to <i>hardware reset</i> 124 • Deleted <i>Reference Circuits for ECG Signal Acquisition</i> section and added <i>System design to optimize ECG signal acquisition</i> section. 135 • Deleted <i>ECG Lead-Off Detection</i> section..... 139 • Changed Figure 186 and Figure 187 146 			
The datasheet number will be changing.			
Device Family	Change From:	Change To:	
AFE4900	SBAS857	SBAS857A	
The document is not available on the TI website. Please contact the TI Customer Quality Engineer (CQE) for a copy of the datasheet.			
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:			

AFE4900YZR	AFE4900YZT		
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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