

<b>PCN Number:</b>	20060517001		<b>PCN Date:</b>	6/12/2006	
<b>Title:</b>	Datasheet Errata for SN74ALVCH16823 Device Type				
<b>Customer Contact:</b>	<a href="#">Linda K Miles</a>	<b>Phone:</b>	903-868-7638		<b>Dept:</b> Standard Linear and Logic
<b>Proposed 1st Ship Date:</b>	N/A		<b>Estimated Sample Availability Date:</b>	N/A	
<b>Change Type:</b>	Electrical Spec - Datasheet				
<input type="checkbox"/> <b>Assembly Site</b>	<input type="checkbox"/> <b>Assembly Process</b>	<input type="checkbox"/> <b>Assembly Materials</b>			
<input type="checkbox"/> <b>Design</b>	<input checked="" type="checkbox"/> <b>Electrical Spec</b>	<input type="checkbox"/> <b>Mechanical Spec</b>			
<input type="checkbox"/> <b>Test Site</b>	<input type="checkbox"/> <b>Packing/Shipping/Labeling</b>	<input type="checkbox"/> <b>Test Process</b>			
<input type="checkbox"/> <b>Wafer Bump Site</b>	<input type="checkbox"/> <b>Wafer Bump Materials</b>	<input type="checkbox"/> <b>Wafer Bump Process</b>			
<input type="checkbox"/> <b>Wafer Fab Site</b>	<input type="checkbox"/> <b>Wafer Fab Materials</b>	<input type="checkbox"/> <b>Wafer Fab Process</b>			
<b>PCN Details</b>					
<b>Description of Change:</b>					
Texas Instruments Standard Linear and Logic (SLL) has returned SN74ALVCH16823 to datasheet limits which will eliminate the need for a waiver. These devices have been sold on waiver since August 10, 2005.					
Texas Instruments discovered a test program limit difference during a test program check and made appropriate changes to the process to return the devices to the original datasheet limits.					
Original Datasheet Limits					
		Vcc = 2.5V ± 0.2 V	Vcc = 2.7 V	Vcc = 3.3 V ± 0.3V	UNIT
		MIN MAX	MIN MAX	MIN MAX	
t <sub>h</sub> Hold Time	Data high after CLK↑	0.1	0.1	0.8	ns
Waived Datasheet Limits					
		Vcc = 2.5V ± 0.2 V	Vcc = 2.7 V	Vcc = 3.3 V ± 0.3V	UNIT
		MIN MAX	MIN MAX	MIN MAX	
t <sub>h</sub> Hold Time	Data high after CLK↑	1.0	1.0	1.0	ns
<b>Reason for Change:</b>					
This notification will return the device to the original datasheet limits.					
<b>Product Affected:</b>					
SN74ALVCH16823DGG	SN74ALVCH16823DGVRE4				
SN74ALVCH16823DGGR	SN74ALVCH16823DL				
SN74ALVCH16823DGGRE4	SN74ALVCH16823DLR				
SN74ALVCH16823DGV	SN74ALVCH16823DLRG4				
<b>Anticipate (positive/negative) impact on Fit, Form, Function &amp; Reliability:</b>					
Texas Instruments does not anticipate a negative impact on Fit, Form, Function and Reliability.					
<b>Product Identification:</b>					
There is no change to product identification.					
For questions regarding this notice, emails can be sent to the regional contacts shown below or your local Field Sales Representative.					
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Asia Pacific			<a href="mailto:PCNAsiaContact@list.ti.com">PCNAsiaContact@list.ti.com</a>		
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Mailing Address: Texas Instruments  
Post Office Box 655303 Dallas, Texas 75265

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