


<b>PCN Number:</b>	20171120001	<b>PCN Date:</b>	November 30, 2017
<b>Title:</b>	Datasheet for DRV8308		
<b>Customer Contact:</b>	PCN Manager	<b>Dept:</b>	Quality Services
<b>Change Type:</b>			
<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
<b>Notification Details</b>			
<b>Description of Change:</b>			
<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>			
		<b>DRV8308</b> <small>SLVSCF7B   FEBRUARY 2014 – REVISED NOVEMBER 2017</small>	
<b>Changes from Revision A (October 2014) to Revision B</b>			<b>Page</b>
<ul style="list-style-type: none"> <li>• Deleted <i>Locked Rotor Detection and Restart</i> from the <i>Features</i> section..... 1</li> <li>• Deleted <i>Locked Rotor Detection</i> from <i>Description</i> ..... 1</li> <li>• Deleted <i>Rotor Stall Detection</i> from <i>FAULTn</i> description in the <i>Pin Functions</i> ..... 4</li> <li>• Deleted extra notes in the <i>Thermal Information</i> table (refer to the <i>Semiconductor and IC Package Thermal Metrics</i> application report for this information) ..... 7</li> <li>• Deleted <i>RLOCK</i> from <i>tRETRY</i> in the <i>Electrical Characteristics</i> ..... 9</li> <li>• Deleted <i>tLOCK</i> from the <i>Electrical Characteristics</i> ..... 9</li> <li>• Deleted <i>Locked Rotor Detection</i> from <i>Overview</i> ..... 12</li> <li>• Updated direction change behavior in the <i>Commutation</i> section ..... 17</li> <li>• Deleted the <i>Rotor Lockup (RLOCK)</i> section in the <i>Protectton Circuits</i> section ..... 29</li> <li>• Changed the <i>LRTIME</i> bit to reserved in the <i>Register Description</i> table ..... 39</li> <li>• Changed the <i>RLOCK</i> bit to reserved in the <i>Register Description</i> table ..... 40</li> <li>• Added the <i>Receiving Notification of Documentation Updates</i> and <i>Community Resources</i> sections ..... 51</li> </ul>			
The datasheet number will be changing.			
Device Family	Change From:	Change To:	
DRV8308	SLVSCF7A	SLVSCF7B	
These changes may be reviewed at the datasheet links provided. <a href="http://www.ti.com/product/DRV8308">http://www.ti.com/product/DRV8308</a>			
<b>Reason for Change:</b>			
To accurately reflect device characteristics.			
<b>Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):</b>			
No anticipated impact. This is a specification change announcement only. There are no changes to the actual device.			
<b>Changes to product identification resulting from this PCN:</b>			
None.			
<b>Product Affected:</b>			
DRV8308RHAR	DRV8308RHAT		

For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.

<b>Location</b>	<b>E-Mail</b>
USA	<a href="mailto:PCNAmericasContact@list.ti.com">PCNAmericasContact@list.ti.com</a>
Europe	<a href="mailto:PCNEuropeContact@list.ti.com">PCNEuropeContact@list.ti.com</a>
Asia Pacific	<a href="mailto:PCNAsiaContact@list.ti.com">PCNAsiaContact@list.ti.com</a>
Japan	<a href="mailto:PCNJapanContact@list.ti.com">PCNJapanContact@list.ti.com</a>