

PCN Number:	20160107001	PCN Date:	1/11/2016
Title:	Datasheet for DRV8302		
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"/>	Wafer Bump Site
		<input type="checkbox"/>	Wafer Bump Material
		<input type="checkbox"/>	Wafer Bump Process
		<input type="checkbox"/>	Wafer Fab Site
		<input type="checkbox"/>	Wafer Fab Materials
		<input type="checkbox"/>	Wafer Fab Process

Notification Details

Description of Change:

Texas Instruments Incorporated is announcing an information only notification etc.

The product datasheet(s) is being updated as summarized below.

The following change history provides further details.



DRV8302

SLES267A – AUGUST 2011 – REVISED DECEMBER 2015

Changes from Original (August 2011) to Revision A

Page

• Added <i>Pin Configuration and Functions</i> section, <i>ESD Rating</i> table, <i>Feature Description</i> section, <i>Device Functional Modes</i> , <i>Application and Implementation</i> section, <i>Power Supply Recommendations</i> section, <i>Layout</i> section, <i>Device and Documentation Support</i> section, and <i>Mechanical, Packaging, and Orderable Information</i> section	1
• V_{PVDD} absolute max voltage rating reduced from 70 V to 65 V	5
• Clarification made on how the OCP status bits report in <i>Overcurrent Protection (OCP) and Reporting</i>	16
• Update to PVDD1 undervoltage protection in <i>Undervoltage Protection (UVLO)</i> describing specific transient brownout issue.	17
• Update to EN_GATE pin functional description in <i>EN_GATE</i> clarifying proper EN_GATE reset pulse lengths.	19
• Added gate driver power-up sequencing errata <i>Gate Driver Power Up Sequencing Errata</i>	20
• Added <i>Community Resources</i>	24

Device Family	Change From:	Change To:
DRV8302	SLES267	SLES267A

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/DRV8302>

Reason for Change:

To more accurately reflect device characteristics and identify issues with specific application conditions.

Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):

No anticipated impact. There are no changes to the actual device. This is a specification change and errata announcement only. Update made to PVDD absolute maximum rating and in identifying device issues with specification conditions. Review datasheet for detailed information.

Changes to product identification resulting from this PCN:

None.

Product Affected:

DRV8302DCA	DRV8302DCAR
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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