

<b>PCN Number:</b>	20170918005	<b>PCN Date:</b>	Oct. 3, 2017
<b>Title:</b>	Datasheet for DRV8305-Q1		
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>	<b>Dept:</b>	Quality Services
<b>Proposed 1<sup>st</sup> Ship Date:</b>	April 3, 2017		
<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

### Notification Details

#### Description of Change:

The product datasheet(s) is being updated as summarized below. The following change history provides further details.

The datasheet number will be changing.



**DRV8305-Q1**

SLVSD12C –MAY 2015–REVISED SEPTEMBER 2017

#### Changes from Revision B (May 2016) to Revision C

Page

• Added transient specification for GHx, SLx, SPx, and SNx .....	5
• Changed SPx and SNx rating from -2 V to -3 V .....	5
• Changed the test condition for the $V_{AVDD\_UVLO}$ , $V_{VCPH\_UVFL}$ , $V_{VCPH\_UVLO2}$ , and $V_{VCP\_LSD\_UVLO2}$ parameters in the <i>Electrical Characteristics</i> table .....	10
• Changed the maximum $V_{AVDD\_UVLO}$ and $V_{PVDD\_UVLO2}$ parameters in the <i>Electrical Characteristics</i> table .....	10
• Moved the <i>External Components</i> table from the <i>Pin Configuration and Functions</i> section to the <i>Feature Description</i> section .....	17
• Added the description for latch fault reset methods to the <i>Undervoltage Warning (UVFL)</i> , <i>Undervoltage Lockout (UVLO)</i> , and <i>Overvoltage (OV) Protection</i> section .....	31
• Changed the description of FLIP_OTSD register bit in the <i>IC Operation Register Description</i> .....	41
• Added the <i>Receiving Notification of Documentation Updates</i> section .....	50

#### Changes from Revision A (March 2016) to Revision B

Page

• Changed from PRODUCT PREVIEW to Production Data and released full data sheet .....	1
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The datasheet number will be changing.

Device Family	Change From:	Change To:
DRV8305-Q1	SLVSD12A	SLVSD12C

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/DRV8305-Q1>

#### Reason for Change:

To more accurately reflect device characteristics.

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

Electrical specification performance changes as indicated above.

<b>Changes to product identification resulting from this PCN:</b>			
None.			
<b>Product Affected:</b>			
DRV83053QPHPQ1	DRV83053QPHPRQ1	DRV83055QPHPQ1	DRV83055QPHPRQ1
DRV8305NEPHPQ1	DRV8305NEPHPRQ1	DRV8305NQPHPQ1	DRV8305NQPHPRQ1

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>