

<b>Notification Number:</b>	20200719000	<b>Notification Date:</b>	July 22, 2020
<b>Title:</b>	Datasheet for DRV10983-Q1		
<b>Customer Contact:</b>	<a href="#">Notification Manager</a>	<b>Dept:</b>	Quality Services

### Notification Details

#### Description of Change:

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.



**DRV10983-Q1**

SLVSD14A – JUNE 2017 – REVISED JUNE 2020

Changes from Original (June 2017) to Revision A	Page
• Updated timing information for entering and exiting sleep mode and standby mode .....	8
• Added Analog and PWM mode timing diagrams.....	10
• Updated naming convention in <i>Step-Down Regulator</i> subsection .....	14
• Changed the <i>Conditions to Enter or Exit Sleep or Standby Condition</i> table to reflect Electrical Characteristics parameter names.....	18
• Added Speed pin note to <a href="#">Table 1</a> .....	19
• Added subsection, <i>Required Sequence to Enter Sleep Mode</i> .....	19
• Changed <a href="#">Figure 13</a> and <a href="#">Figure 14</a> .....	21
• Changed <a href="#">Table 4</a> .....	24
• Updated <i>Inductive AVS Function</i> subsection .....	41
• Changed eeWRnEn field description to properly reflect actual function .....	55
• Changed BEMF comparator hysteresis to reflect <i>Electrical Characteristics</i> specifications .....	58
• Changed <a href="#">Table 36</a> .....	65
• Added EEprom note to <a href="#">Layout Guidelines</a> .....	67

The datasheet number will be changing.

Device Family	Change From:	Change To:
DRV10983-Q1	SLVSD14	SLVSD14A

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/DRV10983-Q1>

#### 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 notification:

None.

#### Product Affected:

DRV10983QPWPRQ1	DRV10983SQWPRQ1		
-----------------	-----------------	--	--

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	<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>
WW Change Management Team	<a href="mailto:PCN_ww_admin_team@list.ti.com">PCN_ww_admin_team@list.ti.com</a>

## IMPORTANT NOTICE AND DISCLAIMER

TI PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATASHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES "AS IS" AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with TI products. You are solely responsible for (1) selecting the appropriate TI products for your application, (2) designing, validating and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, or other requirements. These resources are subject to change without notice. TI grants you permission to use these resources only for development of an application that uses the TI products described in the resource. Other reproduction and display of these resources is prohibited. No license is granted to any other TI intellectual property right or to any third party intellectual property

right. TI disclaims responsibility for, and you will fully indemnify TI and its representatives against, any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

TI's products are provided subject to TI's Terms of Sale ([www.ti.com/legal/termsofsale.html](http://www.ti.com/legal/termsofsale.html)) or other applicable terms available either on [ti.com](http://ti.com) or provided in conjunction with such TI products. TI's provision of these resources does not expand or otherwise alter TI's applicable warranties or warranty disclaimers for TI products.