

Notification Number:	20200719001	Notification Date:	July 20, 2020
Title:	Datasheet for DRV2510-Q1		
Customer Contact:	Notification Manager	Dept:	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.



DRV2510-Q1

SLOS919C –JUNE 2016–REVISED MAY 2020

Changes from Revision B (September 2016) to Revision C	Page
• Moved automotive <i>Features</i> to the top of the Features list	1
• Added Junction temperature to the <i>Absolute Maximum Ratings</i>	5
• Changed the <i>ESD Ratings</i> table.....	5
• Added INTZ Report to the <i>Electrical Characteristics</i> table.....	6
• Changed Figure 5	10
• Changed From: "The load diagnostic function runs on de-assertion" To: "The load diagnostic function runs on assertion" in the <i>Load Diagnostics</i> section.....	11
• Added the <i>Protection and Monitoring</i> section.....	12
• Changed From: "NRST pin..." To: "EN pin..." in the <i>Operation in Shutdown Mode</i> section	13
• Changed From: When EN is asserted (logic low) To: When EN is de-asserted (logic low) in the <i>Operation in Shutdown Mode</i> section	13
• Deleted register 0x00 from the <i>Register Map</i> section	17
• Changed register <i>Address: 0x03</i>	19
• Changed the <i>Single-Ended Source</i> section and Figure 16	20
• Changed from: BSTA and BSTB to: BSTP and BSTN in the <i>Capacitor Selection</i> section.....	21
• Changed the <i>Differential Input Diagram</i> section and Figure 21	23

The datasheet number will be changing.

Device Family	Change From:	Change To:
DRV2510-Q1	SLOS919B	SLOS919C

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/DRV2510-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:

DRV2510QPWRQ1			
---------------	--	--	--

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
WW Change Management Team	PCN_ww_admin_team@list.ti.com

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) or other applicable terms available either on 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.