

PCN Number:	20230619002.0		PCN Date:	June 21, 2023												
Title:	Datasheet for DRV8145-Q1															
Customer Contact:	Change Management team	Dept:	Quality Services													
Change Type:	Electrical Specification															
PCN 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.  DRV8145-Q1 SLVSG22A – JANUARY 2023 – REVISED JUNE 2023 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Changes from Revision * (January 2023) to Revision A (June 2023)</th> <th style="text-align: right;">Page</th> </tr> </thead> <tbody> <tr> <td>• EC table - Reduced I_{PD_OLA} lower limit from 1.75 mA to 0.36 mA.....</td> <td style="text-align: right; vertical-align: bottom;">15</td> </tr> <tr> <td>• Removed clarification comment on OLA fault clearing when drive direction is reversed - NOT valid for half bridge drivers.....</td> <td style="text-align: right; vertical-align: bottom;">36</td> </tr> </tbody> </table> The datasheet number will be changing. <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Device Family</td> <td style="width: 33%;">Change From:</td> <td style="width: 33%;">Change To:</td> </tr> <tr> <td>DRV8145-Q1</td> <td>SLVSG22</td> <td>SLVSG22A</td> </tr> </table> These changes may be reviewed at the datasheet links provided. http://www.ti.com/product/DRV8145-Q1					Changes from Revision * (January 2023) to Revision A (June 2023)	Page	• EC table - Reduced I _{PD_OLA} lower limit from 1.75 mA to 0.36 mA.....	15	• Removed clarification comment on OLA fault clearing when drive direction is reversed - NOT valid for half bridge drivers.....	36	Device Family	Change From:	Change To:	DRV8145-Q1	SLVSG22	SLVSG22A
Changes from Revision * (January 2023) to Revision A (June 2023)	Page															
• EC table - Reduced I _{PD_OLA} lower limit from 1.75 mA to 0.36 mA.....	15															
• Removed clarification comment on OLA fault clearing when drive direction is reversed - NOT valid for half bridge drivers.....	36															
Device Family	Change From:	Change To:														
DRV8145-Q1	SLVSG22	SLVSG22A														
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 PCN:																
None.																
Product Affected:																
DRV8145HQRXZRQ1	DRV8145PQPWPRQ1	DRV8145SQRXZRQ1														

For questions regarding this notice, e-mails can be sent to the Change Management team or your local Field Sales Representative.

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 disdains 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.