


PCN Number:	20231026000.0		PCN Date:	November 07, 2023																						
Title:	Datasheet for DRV8461																									
Customer Contact:	Change Management team	Dept:	Quality Services																							
Change Type:	Electrical Specification																									
PCN Details																										
Description of Change:																										
<p>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.</p> <div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: right;"> DRV8461 <small>SLOSE98A – DECEMBER 2022 – REVISED SEPTEMBER 2023</small> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Changes from Revision * (December 2022) to Revision A (September 2023)</th> <th style="text-align: right;">Page</th> </tr> </thead> <tbody> <tr> <td>• Typo corrections.....</td> <td style="text-align: right;">1</td> </tr> <tr> <td>• Voltage and current updates.....</td> <td style="text-align: right;">1</td> </tr> <tr> <td>• Updated typical numbers of wake up and turn off time to accommodate data for PWP package.....</td> <td style="text-align: right;">8</td> </tr> <tr> <td>• Updated LDO dropout typical specification.....</td> <td style="text-align: right;">8</td> </tr> <tr> <td>• Increased maximum specification of nSCS current.....</td> <td style="text-align: right;">8</td> </tr> <tr> <td>• Changed RDSON spec to accommodate data for PWP package.....</td> <td style="text-align: right;">8</td> </tr> <tr> <td>• Updated KV spec to include PWP, simplified current accuracy specification.....</td> <td style="text-align: right;">8</td> </tr> <tr> <td>• Changed OFF time typical to 9.5 us.....</td> <td style="text-align: right;">8</td> </tr> <tr> <td>• Updated UVLO specification to include PWP data.....</td> <td style="text-align: right;">8</td> </tr> <tr> <td>• Moved standstill power saving section before Decay modes section, updated the notes below the section to include description of device behavior when auto torque is enabled.....</td> <td style="text-align: right;">29</td> </tr> </tbody> </table>					Changes from Revision * (December 2022) to Revision A (September 2023)	Page	• Typo corrections.....	1	• Voltage and current updates.....	1	• Updated typical numbers of wake up and turn off time to accommodate data for PWP package.....	8	• Updated LDO dropout typical specification.....	8	• Increased maximum specification of nSCS current.....	8	• Changed RDSON spec to accommodate data for PWP package.....	8	• Updated KV spec to include PWP, simplified current accuracy specification.....	8	• Changed OFF time typical to 9.5 us.....	8	• Updated UVLO specification to include PWP data.....	8	• Moved standstill power saving section before Decay modes section, updated the notes below the section to include description of device behavior when auto torque is enabled.....	29
Changes from Revision * (December 2022) to Revision A (September 2023)	Page																									
• Typo corrections.....	1																									
• Voltage and current updates.....	1																									
• Updated typical numbers of wake up and turn off time to accommodate data for PWP package.....	8																									
• Updated LDO dropout typical specification.....	8																									
• Increased maximum specification of nSCS current.....	8																									
• Changed RDSON spec to accommodate data for PWP package.....	8																									
• Updated KV spec to include PWP, simplified current accuracy specification.....	8																									
• Changed OFF time typical to 9.5 us.....	8																									
• Updated UVLO specification to include PWP data.....	8																									
• Moved standstill power saving section before Decay modes section, updated the notes below the section to include description of device behavior when auto torque is enabled.....	29																									
The datasheet number will be changing.																										
Device Family	Change From:	Change To:																								
DRV8461	SLOSE98	SLOSE98A																								
<p>These changes may be reviewed at the datasheet links provided. http://www.ti.com/product/DRV8461</p>																										
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:																										
DRV8461DDWR																										

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 disdaims 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.