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**FINAL PRODUCT/PROCESS CHANGE NOTIFICATION #16559**Generic Copy

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**Issue Date:** 22-Dec-2010**TITLE:** NGD8201 ICESR Spec Limit**PROPOSED FIRST SHIP DATE:** 22-Mar-2011**AFFECTED CHANGE CATEGORY(S):** Data Sheet Spec Limit**FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:**

Contact your local ON Semiconductor Sales Office or Kenneth Huffman  
< [Kenneth.Huffman@onsemi.com](mailto:Kenneth.Huffman@onsemi.com) >

**SAMPLES:** Contact your local ON Semiconductor Sales Office**ADDITIONAL RELIABILITY DATA:** Available

Contact your local ON Semiconductor Sales Office or Nicholas Crichton  
< [nicholas.crichton@onsemi.com](mailto:nicholas.crichton@onsemi.com) >

**NOTIFICATION TYPE:**

Final Product/Process Change Notification (FPCN)

Final change notification sent to customers. FPCNs are issued at least 90 days prior to implementation of the change.

ON Semiconductor will consider this change approved unless specific conditions of acceptance are provided in writing within 30 days of receipt of this notice. To do so, contact <[quality@onsemi.com](mailto:quality@onsemi.com)>.

**DESCRIPTION AND PURPOSE:**

NGD8201 ICESR ( $T_j = 25^\circ\text{C}$ ,  $V_{ce} = -24\text{V}$ ) spec limit change from 0.5mA to 1.0mA. This change aligns the NGD8201 data sheet with the high volume customer specification. An increase in the ICESR limit should be of no consequence in the actual application since normal operation of the device will never impart a negative  $V_{ce}$ . The only situation where the device could potentially be subjected to a negative  $V_{ce}$  would be a reverse battery condition during an errant jump start. In this case the maximum 1mA of current at -24V would require the device to dissipate 24mW which is orders of magnitude lower than the power dissipated during normal operation and would have no ill effect on the device.

**RELIABILITY DATA SUMMARY:** N/A**ELECTRICAL CHARACTERISTIC SUMMARY:** N/A**CHANGED PART IDENTIFICATION:** N/A



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**List of affected General Parts:**

NGD8201NT4G