

Title of Change:	Datasheet Update on IEC 61000-4-2 (ESD) Ratings for ESDR0502BT1G.							
Effective date:	31 Dec 2024							
Contact information:	Contact your local onsemi Sales Office or BernardRajVellangani.Pelevindran@onsemi.com							
Type of notification:	This Product Bulletin is for notification purposes only. onsemi will proceed with implementation of this change upon publication of this Product Bulletin.							
Change Category:	Specification Adjustment							
Change Sub-Category(s):	Datasheet/Product Doc change							
Sites Affected:								
onsemi Sites	External Foundry/Subcon Sites							
None	None							
Description and Purpose:								
<p>As the result of a periodical electrical characterization, the IEC 61000-4-2 contact discharge (ESD) maximum rating will be updated per the table below.</p> <table border="1"> <thead> <tr> <th></th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>Data sheet (IEC 61000-4-2 Contact (ESD))</td> <td>11 000 V</td> <td>9 000 V</td> </tr> </tbody> </table> <p>IEC 61000-4-2 air discharge (ESD) specification is also removed from the datasheet. Air discharge result is sensitive to environmental humidity, temperature, and the speed of approach of the discharge tip.</p>				From	To	Data sheet (IEC 61000-4-2 Contact (ESD))	11 000 V	9 000 V
	From	To						
Data sheet (IEC 61000-4-2 Contact (ESD))	11 000 V	9 000 V						
List of Affected Standard Parts:								
<p>Note: Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the <u>PCN Customized Portal</u>.</p>								
ESDR0502BT1G								