



Title of Change:	Datasheet correction for CAT4109/CAV4109 series, ESD rating
Effective Date:	Effective Immediately
Contact information:	Contact your local ON Semiconductor Sales Office or <Shannon.Riggs@onsemi.com>
Type of notification:	ON Semiconductor considers this change approved unless specific conditions of acceptance are provided in writing. To do so, contact <PCN.Support@onsemi.com>.

Change category(s):		
<input type="checkbox"/> Wafer Fab Change	<input type="checkbox"/> Manufacturing Site Change/Addition	<input type="checkbox"/> Product specific change
<input type="checkbox"/> Assembly Change	<input type="checkbox"/> Manufacturing Process Change	<input checked="" type="checkbox"/> Datasheet/Product Doc change
<input type="checkbox"/> Test Change	<input type="checkbox"/> Material Change	<input type="checkbox"/> Shipping/Packaging/Marking
		<input type="checkbox"/> Other: _____

Sites Affected:	<u>Site 1</u>	<u>Site 2</u>
<input checked="" type="checkbox"/> All site(s) <input type="checkbox"/> not applicable		
<input type="checkbox"/> ON Semiconductor site(s) :		
<input type="checkbox"/> External Foundry/Subcon site(s):		

Description and Purpose:

An error was identified in the ESD rating listed on datasheet CAT4109/D, revision 5 from January 2015. In order to correct this error, the change below has been made on the document.

This change is the result of a documentation error only; there is no change to the current product form, fit, or function.

ESD RATING

Human Body Model (Note 2) LV pins (non LEDn pins # 3, 4, 5, 6, 7, 8, 15 and 16) HV pins (LEDn pins #9, 10 and 11)	1500 750 500	V
Machine Model (Note 3) LV pins (non LEDn pins # 3, 4, 5, 6, 7, 8, 15 and 16) HV pins (LEDn pins #9, 10 and 11)	200 175	V
Charged Device Model (Note 4)	1000	V

Stresses exceeding those listed in the Maximum Ratings table may damage the device. If any of these limits are exceeded, device functionality should not be assumed, damage may occur and reliability may be affected.

2. JESD22-A114C
3. JESD625-A
4. JESD22-C101E

List of Affected Standard Parts:

- CAT4109V-GT2
- CAV4109V-GT2