



DATE: 4th December, 2015

PCN #: 2209

PCN Title: Datasheet Revision Due to Maximum I_r Specification Limits Change

Dear Customer:

This is an announcement of change(s) to products that are currently being offered by Diodes Incorporated.

We request that you acknowledge receipt of this notification within 30 days of the date of this PCN. If you require samples for evaluation purposes, please make a request within 30 days as well. Otherwise, samples may not be built prior to this change. Please refer to the implementation date of this change as it is stated in the attached PCN form. Please contact your local Diodes sales representative to acknowledge receipt of this PCN and for any sample requests.

The changes announced in this PCN will not be implemented earlier than 90 days from the notification date stated in the attached PCN form.

Previously agreed upon customer specific change process requirements or device specific requirements will be addressed separately.

For questions or clarification regarding this PCN, please contact your local Diodes sales representative.

Sincerely,

Diodes Incorporated PCN Team



PRODUCT CHANGE NOTICE

PCN-2209 REV 00

Notification Date:	Implementation Date:	Product Family:	Change Type:	PCN #:
4 th December, 2015	3 rd March, 2016	Discrete Semiconductors	Specification Change	2209

TITLE

Datasheet Revision Due to Maximum IR Specification Limits Change

DESCRIPTION OF CHANGE

This PCN is being issued to notify customers that Diodes Incorporated is adjusting the IR Max values at the temperature test conditions shown below. Please refer to the table below for the new Max values.

Full electrical characterization has been completed on a representative device to ensure that the affected device meets the new IR specifications as indicated. The description of the change is provided in the table below.

Electrical Characteristics @T_A = 25°C unless otherwise specified

Part Number	Case				Packaging		
SBRT15U100SP5	POWERDI5				5000 or 1500 /Tape & Reel		
Characteristic	Symbol	Min	Typ	Max	Unit	Test Condition	
Leakage Current (D/S Original Version, Rev. 5-2)	I _R	—	40	250 15	uA mA	V _R = 100V, T _J = +25°C V _R = 100V, T _J = +125°C	
Characteristic	Symbol	Min	Typ	Max	Unit	Test Condition	
Leakage Current (D/S New Version)	I _R	—	40	200 30	uA mA	V _R = 100V, T _J = +25°C V _R = 100V, T _J = +125°C	

IMPACT

Change of Maximum Specification Limits for IR

PRODUCTS AFFECTED

SBRT15U100SP5-7, SBRT15U100SP5-7D, SBRT15U100SP5-13, SBRT15U100SP5-13D

WEB LINKS

Manufacturer's Notice:	http://www.diodes.com/quality/pcns
For More Information Contact:	http://www.diodes.com/contacts
Data Sheet:	http://www.diodes.com/products

DISCLAIMER

Unless a Diodes Incorporated Sales representative is contacted in writing within 30 days of the posting of this notice, all changes described in this announcement are considered approved.