DOCUMENT CHANGE REQUEST

DCR number 1199	Changes required for: General	Originator: Samuel Savin
Date: 2019/05/14	Date sent: 2018/12/18	Organisation: STMicroelectronics
Status: IMPLEMENTED		

Title:	Diode, Power, Schottky Rectifier, Surface Mount Based on type STPS80A150, STPS60A150		
Number:	5106/023	Issue:	1

Other documents affected:

Page:

Paragraph:

Original wording:

Proposed wording:

Justification:

Added the Rth(jc) per diode and adjute the derating of temperature for the paragraph 1.5.
Removed the paragraph 2.1.1.1.
Change the unit for IR for the paragraph 2.3.2, mA and not µA

Attachments:

dcr_escc_stps80a150_stps60a150.docx

Modifications:

Further correspondence between ST (Samuel Savin) and the ESCC Technical Writer has resulted in satisfactory conclusions to the points mentioned in the initial email/Comment.

This DCR is therefore acceptable with the following Modifications to the existing DCR wording and content:

- Correct typo in Para. 1.5 of the attached draft spec as follows: Rth(j-c) Per diode shall be 3.4 °C/W; Rth(j-c) Per device shall be 2.2 °C/W

- In addition to deleting Para. 2.1.1.1 in toto, "None." shall be added to Para. 2.1.1.

- New change item to correct an editorial error in Para. 2.7: TJ was +150(+0 -5)°C, shall be +175(+0 -5)°C

Note: In relation to the removal of the Deviation from Chart F4 Terminal Strength test (i.e. Para. 2.1.1.1 (b) "Terminal Strength is not applicable"), a DCR has recently been raised against ESCC Generic Spec No. 5000 to make editorial changes to Para. 8.24 Terminal Strength. Therefore this specification should only be updated i.a.w. the content of this DCR once this related DCR has been accepted and closed-out.

Approval signature:



Date signed:

2019-05-14