



## DOCUMENT CHANGE REQUEST

DCR number 654 Changes required for: General

Originator: S Jeffery

Date: 2011/09/29

Date sent: 2011/03/01

Organisation: ESA/ESTEC

Status: IMPLEMENTED

Title: Transistors, Power, MOSFET, N-Channel, RAD-HARD, based on Type STRH100N10FSY3

Number: 5205/021

Issue: 2

Other documents affected:

Page:

Page 4, Table of Contents / Page 9, Para. 1.9 / Page 10, Paras. 2.1.1.1, 2.1.1.2 and 2.2 / Page 14, Para. 2.10 / Pages 16 & 17, Appendix 'A'.

Paragraph:

Page 4, Table of Contents / Page 9, Para. 1.9 / Page 10, Paras. 2.1.1.1, 2.1.1.2 and 2.2 / Page 14, Para. 2.10 / Pages 16 & 17, Appendix 'A'.

Original wording:

Proposed wording:

Table of Contents: Page reference for APPENDIX 'A' shall be "16" (instead of "16/17".)

Para. 1.9: Correct "herrmetically".

Para. 2.1.1.1: Correct "Operting".

Para. 2.1.1.2 is to be deleted.

Para. 2.2 wording is to be amended to "A SEM inspection shall be performed as specified in the ESCC Generic Specification."

Para. 2.10: Correct "...followed by by High Temperature..." to "...followed by High Temperature...".

Appendix 'A', Deviations from Room Temperature Electrical Measurements, Description of Deviations: Correct "SMicroelectronics" to "STMicroelectronics"; Correct "Detail specification" (upper case 's').

Move the ADDITIONAL DATA - STMICROELECTRONICS (F) section of Appendix 'A' so that it starts on Page 16, below the table of 'Agreed Deviations'. The remainder of the appendix shall follow on the final page, i.e. p.17.

Justification:

(1) To correct editorial errors present in Issue 2.



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(2) Constant Acceleration is applicable and shall be performed during Qualification and Periodic Testing (this has been confirmed by STMicroelectronics.) Therefore it is incorrect to state that Constant Acceleration is not applicable in 'Deviations from the Generic Specification'.

(3) To introduce format (editorial) changes to the Table of Contents and Appendix 'A'. These changes have recently been advised by ESA and are to be applied to all current and future Detail Specs with multiple-section Appendices.

Attachments:

N/A

Modifications:

N/A

Approval signature:

Date signed:

2011-09-29