DOCUMENT CHANGE REQUEST

DCR number 1201	Changes required for: General	Originator: Manuel Morales
Date: 2019/02/14	Date sent: 2018/10/29	Organisation: Alter Technology TÜV Nord
Status: IMPLEMENTED		

Title:	Integrated Circuits, Silicon Monolithic, Pulse Width Modulator based on Type ST1843		
Number:	9108/020	Issue:	4

Other documents affected:

9108/021-3

Page:

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Paragraph:

1.5 Maximum Ratings

Original wording:

Add note 4

Proposed wording:

4. SEL and SET sensitive parts. Typical performance:
SEL immunity at 30V, 125ºC and 60º tilt: 120MeV/mg/cm2.
SET Threshold 1.5MeV/mg/cm2; Saturated Cross Section 1E-2 cm2.
Contact with manufacturer for further details about SEE performance for your radiation analysis.

Justification:

SEL and SET sensitivity is mentioned on datasheets and reports are available from ST upon request. Typical figures for SEE performance provided ni note form in maximum ratings section

Attachments:

improvement_of_escc_specs_stm_st_comments_aug27th(2).doc, st1843_5_datasheet.pdf

Modifications:

N/A

Approval signature:



Date signed:

2019-02-14