

Reliability Prediction Assessment

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The given failure rates refer to more than one article. For the valid articles please refer to the article list.

Device category

3 - electronical article

The MTTF data are calculated for the electrical components at the rated voltage for different duty cycles. Impulse durability is not considered in the MTTF calculations.

Prediction done by: pbsa48 Prediction date: 2016-02-29

	based on	User Mode	Environmental condition	MTTF in h	MTTF in a	failure rate in FIT (λ basis)
at 25 °C with 21,00 % duty cycle	SN 29500		GB, GC - Ground Benign, Controlled	56215510,03	6417,3	17,788685
at 40 °C with 34,25 % duty cycle	SN 29500		GB, GC - Ground Benign, Controlled	49017034,45	5595,55	20,401071
at 80 °C with 100,00 % duty cycle	SN 29500		GB, GC - Ground Benign, Controlled	14286312,27	1630,86	69,99707



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Article list

Article	from revision	Designation
2782313 2782300 2763604	06	Designation C-UFB-24DC/E C-UFB- 5DC/E C-UFB- 5DC/E 75
2782300	08	C-UFB- 5DC/F
2763604	08 07	C-UFB- 5DC/F 75
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