



# Reliability Prediction Assessment

FS A-3-0102  
Rev-Index -00-

Article   
Designation

Revision

Device category

Prediction done by: pbdm19

				based on	Environmental condition	MTTF in h	MTTF in a	failure rate in FIT
at	<input type="text" value="25"/>	°C with	<input type="text" value="21,00"/>	<input type="text" value="SN 29500"/>	<input type="text" value="GB, GC - Ground Benign, Controlled"/>	<input type="text" value="54915868,07"/>	<input type="text" value="6268,93"/>	<input type="text" value="18,209673"/>
		% duty cycle	<input type="text" value=""/>					
at	<input type="text" value="40"/>	°C with	<input type="text" value="34,25"/>	<input type="text" value="SN 29500"/>	<input type="text" value="GB, GC - Ground Benign, Controlled"/>	<input type="text" value="20460512,95"/>	<input type="text" value="2335,67"/>	<input type="text" value="48,87463"/>
		% duty cycle	<input type="text" value=""/>					
at	<input type="text" value="25"/>	°C with	<input type="text" value="50,00"/>	<input type="text" value="SN 29500"/>	<input type="text" value="GB, GC - Ground Benign, Controlled"/>	<input type="text" value="20460512,95"/>	<input type="text" value="2335,67"/>	<input type="text" value="48,87463"/>
		% duty cycle	<input type="text" value=""/>					
at	<input type="text" value="25"/>	°C with	<input type="text" value="100,00"/>	<input type="text" value="SN 29500"/>	<input type="text" value="GB, GC - Ground Benign, Controlled"/>	<input type="text" value="15219252,35"/>	<input type="text" value="1737,36"/>	<input type="text" value="65,70625"/>
		% duty cycle	<input type="text" value=""/>					
at	<input type="text" value="80"/>	°C with	<input type="text" value="100,00"/>	<input type="text" value="SN 29500"/>	<input type="text" value="GB, GC - Ground Benign, Controlled"/>	<input type="text" value="1465420,53"/>	<input type="text" value="167,29"/>	<input type="text" value="682,397974"/>
		% duty cycle	<input type="text" value=""/>					
at	<input type="text" value=""/>	°C with	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="-"/>	<input type="text" value="-"/>	<input type="text" value=""/>
		% duty cycle	<input type="text" value=""/>					

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.