

MTBF calculation of Barionet 100

Software tool:

- **CARE** Version 8.900.2516 (**BQR**)

Basic conditions:

- **Calculated according to the MIL-HDBK-217F Notice 2**
 - Applied method **Part stress**
 - Used Environment condition **Ground Fixed (GF1)**
 - **Stress conditions are:**
 - Temperature stresses
 - Ambient Temperature equal **25°C**
 - Internal housing (board) temperature **40°C**
 - Electrical stresses
 - Average stress conditions (**50% strain**)

Environment	MTBF
Ground Fixed (GF1)	At least 850 000 hours