



May 25, 2024

**ENV-00398, REV A
MTBF Declaration**

To Whom It May Concern:

A calculation was performed using a predictive method per Telcordia SR332 Issue 2.

Product: QRB5165-SOM		
Environment: Ground Benign, Controlled		
Temperature:	30 °C	85 °C
Failure Rate (FIT): QRB5165-SOM-A	381.5	1,842
MTBF (Years): QRB5165-SOM-A	342.47	61.99
Failure Rate (FIT): QRB5165-SOM-B	380.8	1,842
MTBF (Years): QRB5165-SOM-B	342.47	61.99

Affected SKU:

SKU	Description
QRB5165-SOM-A	Open-Q 5165RB-SOM-A (8GB/128GB)
QRB5165-SOM-B	Open-Q 5165RB-SOM-B (16GB/128GB)

Definitions

Failure Rate (FIT): Failures per billion hours. The total number of failures within an item population per the total number of life units expended by that population during a measurement interval under stated conditions.

Failure: The events, or inoperable state, in which any item or part of an item does not, or would not, perform as specified.

MTBF: Mean time between failures. This is an average value of time between successive outages of the system.

Tony

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