



August 15, 2024

**ENV-00399, REV A
MTBF Declaration**

To Whom It May Concern:

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

Product: LM83X DC		
Environment: Ground Benign, Controlled		
Temperature:	30 °C	85 °C
Failure Rate (FIT):	2,838	29,166
MTBF(Years):	40.23	3.91

Affected SKU:

SKU	Description
83X-8S-000-NDA	LM83X Local Manager, 8 Serial ports, 3 Ethernet ports, Dual DC Power

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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