

1/24/2019



**RELIABILITY MONITOR REPORT
FOR**

MFN DM18

MAXIM INTEGRATED

**160 RIO ROBLES
SAN JOSE, CA 95134**

**This Report was prepared by
MAXIM INTEGRATED Reliability Engineering**

Summary:

The data in the tables that follow was generated as the result of an on-going Process Reliability Monitor. The specific products in this process monitor are:

MAX14813ETK+	MAX14813EWX
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The calculated failure rate for devices using this process is:

FAILURE RATE: MTTF (YRS): 117044 QUANTITY: 382 FAILS: 0 FITS: 1.0

The parameters used to calculate this failure rate are as follows:

Cf: 60% Ea: 0.7 Tu: 25 °C

The reliability data follows and in this section is the detailed reliability data by stress. The reliability data section includes the latest data available. This report covers data between 1/1/2019 and 12/31/2018.

Process Information:

Process Description: MFN DM18

OPERATING LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	LOT NO.
HIGH TEMP OP LIFE	1722	MAX14813ETK+	135°C	1000 HRS	160	0	JBQA84027C
HIGH TEMP OP LIFE	1723	MAX14813EWX+	135°C	2000 HRS	68	0	JBQA84026F
HIGH TEMP OP LIFE	1723	MAX14813EWX+	135°C	2000 HRS	76	0	JBQA84027D
HIGH TEMP OP LIFE	1723	MAX14813EWX+	135°C	2000 HRS	78	0	JBQA83028D

Total: 0

FAILURE RATE: MTTF (YRS): 117044 QUANTITY: 382 FAILS: 0 FITS: 1.0