

6/25/2020



**RELIABILITY MONITOR REPORT
FOR**

MFN MB10

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:

MAX2900ETI+

The calculated failure rate for devices using this process is:

FAILURE RATE: MTTF (YRS): 31005 QUANTITY: 160 FAILS: 0 FITS: 3.7

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 1/1/2020 and 3/31/2020 .

Process Information:

Process Description: MFN MB10

OPERATING LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	LOT NO.
HIGH TEMP OP LIFE	1843	MAX2900ETI+	125°C	1000 HRS	80	0	N070GA142OA
HIGH TEMP OP LIFE	1843	MAX2900ETI+	125°C	1000 HRS	80	0	N070GA142OA
				Total:		0	

TEMPERATURE HUMIDITY BIAS

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	LOT NO.
BIASED MOISTURE	1843	MAX2900ETI+	130C, 85% R.H.	96 HRS	40	0	N070GA142OA
BIASED MOISTURE	1843	MAX2900ETI+	130C, 85% R.H.	96 HRS	39	0	N070GA142OA
				Total:		0	

FAILURE RATE: MTTF (YRS): 31005 QUANTITY: 160 FAILS: 0 FITS: 3.7