

6/25/2020



**RELIABILITY MONITOR REPORT
FOR**

EMGA Package

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 Package Reliability Monitor. The specific assemblies included in this package monitor are:

ASSY SITE	PINS	PACKAGE		
JCAP	10	EMGA	SST	10 EMGA

The calculated failure rate for this assembly is:

FAILURE RATE: MTTF (YRS): 8074 FITS: 14.1

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

Cf: 60% Ea: 0.7 Tu: 25 °C

The reliability data follows. At the start of this data is a description of the assembly vehicle used to generate this reliability data. The next section is the detailed reliability data for each stress. The reliability data section includes the latest data available. This report covers data between 1/1/2020 and 3/31/2020.

Assembly Information:

Package Type: EMGA
Date Code Range: 1838 to 1850

OPERATING LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
HIGH TEMP OP LIFE	1838	MAXM15067AMB+T	125°C	192 HRS	80	0	
HIGH TEMP OP LIFE	1850	MAXM17724AMB+T	125°C	192 HRS	46	0	
HIGH TEMP OP LIFE	1850	MAXM17724AMB+	125°C	192 HRS	45	0	
HIGH TEMP OP LIFE	1850	MAXM17712AMB+T	125°C	192 HRS	46	0	
Total:						0	

FAILURE RATE: MTTF (YRS): 8074 FITS: 14.1