

4/16/2014



**RELIABILITY MONITOR REPORT  
FOR**

**MFN DiMOS 200 (DM200)**

**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:

MAX14807ECB+	MAX14809ETK+	MAX14810CTU+
--------------	--------------	--------------

The calculated failure rate for devices using this process is:

**FAILURE RATE:    MTTF (YRS): 4788    QUANTITY: 284    FAILS: 1    FITS: 23.8**

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 4/1/2013 and 3/31/2014 .

**Process Information:**

Process Description:            MFN DiMOS 200 (DM200)

**OPERATING LIFE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	LOT NO.
HIGH TEMP OP LIFE	1242	MAX14810CTU+	135°C	192 HRS	79	0	JAIC6Q001CQ
HIGH TEMP OP LIFE	1306	MAX14809ETK+	135°C	192 HRS	80	0	JAHP63004MQ
HIGH TEMP OP LIFE	1309	MAX14807ECB+	135°C	192 HRS	47	0	JAHT43004GQ
HIGH TEMP OP LIFE	1312	MAX14807ECB+	135°C	192 HRS	45	1	JAHT43004EQ
HIGH TEMP OP LIFE	1331	MAX14807ECB+	135°C	192 HRS	33	0	JAHT43004SQ
<b>Total:</b>						<b>1</b>	

**FAILURE RATE:    MTTF (YRS): 4788    QUANTITY: 284    FAILS: 1    FITS: 23.8**