



7/19/2012

**RELIABILITY MONITOR REPORT
FOR**

MFN DiMOS 200 (DM200)

MAXIM Integrated Products

**120 San Gabriel Dr.
Sunnyvale, CA 94086**

**This Report was prepared by
Maxim 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:

| | |
|--------------|-------------|
| MAX14808ETK+ | MAX4936ACTO |
|--------------|-------------|

The calculated failure rate for devices using this process is:

FAILURE RATE: MTTF (YRS): 10594 QUANTITY: 158 FAILS: 0 FITS: 10.8

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 7/1/2011 and 6/30/2012 .

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 | 1136 | MAX4936ACTO+ | 135C | 192 HRS | 48 | 0 | JZ3ZCQ001BQ |
| HIGH TEMP OP LIFE | 1136 | MAX4936ACTO+ | 135C | 192 HRS | 31 | 0 | JZ3ZCQ001CQ |
| HIGH TEMP OP LIFE | 1214 | MAX14808ETK+ | 135C | 500 HRS | 79 | 0 | JAEM3Q001CA |
| Total: | | | | | | 0 | |
| FAILURE RATE: | MTTF (YRS): 10594 | | QUANTITY: 158 | | FAILS: 0 | | FITS: 10.8 |