4/17/2013

RELIABILITY MONITOR REPORT
FOR

MFN SiGe HBT BiPolar (GST30)

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:

MAX2750AUA+	MAX3801UGG	MAX3802UTK+

The calculated failure rate for devices using this process is:

FAILURE RATE: MTTF (YRS): 23517 QUANTITY: 240 FAILS: 0 FITS: 4.9

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 4/1/2012 and 3/31/2013 .

Process Information:

Process Description: MFN SiGe HBT BiPolar (GST30)

OPERATING LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT		QUANTITY	FAILS	LOT NO.
HIGH TEMP OP LIFE	1209	MAX3801UGG	135°C	500	HRS	80	0	N250A3338A
HIGH TEMP OP LIFE	1209	MAX3802UTK+	135°C	517	HRS	80	0	N9R1BA067E
HIGH TEMP OP LIFE	1217	MAX2750AUA+	135°C	500	HRS	80	0	N7CBH3024D
					Total:		**0**	

FAILURE RATE: MTTF (YRS): 23517 QUANTITY: 240 FAILS: 0 FITS: 4.9