



7/19/2012

RELIABILITY MONITOR REPORT
FOR

MFN Poly Emitter Complementary Bipolar (CB20)

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:

MAX913CSA+

The calculated failure rate for devices using this process is:

FAILURE RATE: MTTF (YRS): 33594 QUANTITY: 238 FAILS: 0 FITS: 3.4

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 Poly Emitter Complementary Bipolar (CB20)

OPERATING LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	LOT NO.
HIGH TEMP OP LIFE	1144	MAX913CSA+	135C	1000 HRS	78	0	NKE0C2062D
HIGH TEMP OP LIFE	1144	MAX913CSA+	135C	1000 HRS	80	0	NKE0C2060D
HIGH TEMP OP LIFE	1144	MAX913CSA+	135C	192 HRS	80	0	NKE0C2061D
Total:						0	
FAILURE RATE:	MTTF (YRS): 33594		QUANTITY: 238	FAILS: 0	FITS: 3.4		