

4/17/2013



**RELIABILITY MONITOR REPORT  
FOR**

**X3 S90C with 6 Cu Metal (S90)**

**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:

MAX98950ETP+

The calculated failure rate for devices using this process is:

**FAILURE RATE: MTTF (YRS): 7751 QUANTITY: 80 FAILS: 0 FITS: 14.7**

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 .

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**Process Information:**

Process Description: X3 S90C with 6 Cu Metal (S90)

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**OPERATING LIFE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	LOT NO.
HIGH TEMP OP LIFE	1237	MAX98950ETP+	135°C	500 HRS	80	0	SAGR4Q002AE
<b>Total:</b>						<b>0</b>	

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