



1/25/2008

RELIABILITY MONITOR REPORT
FOR

SC70 Package

MAXIM Integrated Products

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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 Package Reliability Monitor. The specific assemblies included in this package monitor are:

ASSY SITE	PINS	PACKAGE		
UNK	3	SC70	UNK	5 SC70
UNK	6	SC70		

The calculated failure rate for this assembly is:

FAILURE RATE: MTTF (YRS): 106968 FITS: 1.1

The parameters used to calculate this failure rate are as follows:

Cf: 60% Ea: 0.7 Tu: 25 °C

The reliability data follows. At the start of this data is a description of the assembly vehicle used to generate this reliability data. The next section is the detailed reliability data for each stress. The reliability data section includes the latest data available. This report covers data between and

Assembly Information:

Package Type: SC70
Flammability: UL 94-V0
Date Code Range: 0537 to 0732

OPERATING LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
HIGH TEMP OP LIFE	0537	MAX4714EX T+	135C, 5.25V	1000 HRS	45	0	
			135C, 5.25V	1000 HRS	45	0	
			135C, 5.25V	1000 HRS	44	0	
HIGH TEMP OP LIFE	0619	MAX6738XK SD3+	135C, 5.25V	1000 HRS	44	0	
		MAX6738XK SD3-T	135C, 5.25V	1000 HRS	42	0	
HIGH TEMP OP LIFE	0629	MAX6613M XK+	135C, 5.25V	1000 HRS	80	0	
HIGH TEMP OP LIFE	0632	MAX2654EX T	135C, 5.25V	1000 HRS	72	0	
HIGH TEMP OP LIFE	0634	MAX6381XR 26D3+T	135C, 5.25V	1000 HRS	80	0	
HIGH TEMP OP LIFE	0732	MAX6613M XK+T	135C, 5.25V	1000 HRS	50	0	
			135C, 5.25V	1000 HRS	50	0	
Total:						0	

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