



1/25/2008

RELIABILITY MONITOR REPORT
FOR

LGA Package

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

ASSY SITE	PINS PACKAGE
UNK	48 LGA

The calculated failure rate for this assembly is:

FAILURE RATE: MTTF (YRS): 75962 FITS: 1.5

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: LGA
Flammability: UL 94-V0
Date Code Range: 0540 to 0622

OPERATING LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO	
HIGH TEMP OP LIFE	0540	MAX2504EL	135C, 5.25V M	1000 HRS	43	0		
HIGH TEMP OP LIFE	0601	MAX2504AE	135C, 5.25V LM	1000 HRS	42	0		
HIGH TEMP OP LIFE	0610	MAX2582EL	135C, 5.25V M	1000 HRS	45	0		
HIGH TEMP OP LIFE	0614	MAX2504AE	135C, 5.25V LM	1000 HRS	42	0		
			135C, 5.25V	1000 HRS	40	0		
			MAX2582EL	135C, 5.25V M	1000 HRS	45	0	
			135C, 5.25V	1000 HRS	45	0		
			135C, 5.25V	1000 HRS	45	0		
HIGH TEMP OP LIFE	0622	MAX2582EL	135C, 5.25V M	1000 HRS	45	0		
Total:						0		

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