



1/25/2008

RELIABILITY MONITOR REPORT
FOR

QSOP 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	16	QSOP
UNK	28	QSOP

The calculated failure rate for this assembly is:

FAILURE RATE: MTTF (YRS): 44570 FITS: 2.6

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: QSOP
Flammability: UL 94-V0
Date Code Range: 0640 to 0725

OPERATING LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
HIGH TEMP OP LIFE	0640	MAX1617A MEE	135C, 5.25V	1000 HRS	80	0	
HIGH TEMP OP LIFE	0725	MAX1772EE I	135C, 5.25V	1000 HRS	50	0	
		MAX1772EE I+	135C, 5.25V	1000 HRS	50	0	
			135C, 5.25V	1000 HRS	50	0	
				Total:		0	

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