



4/20/2008

RELIABILITY MONITOR REPORT  
FOR

**TQFP 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	100	TQFP	UNK	144 TQFP

The calculated failure rate for this assembly is:

**FAILURE RATE: MTTF (YRS): 43407 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 4/1/2007 and 3/31/2008.

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**Assembly Information:**

Package Type: TQFP  
Flammability: UL 94-V0  
Date Code Range: to

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**OPERATING LIFE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
HIGH TEMP OP LIFE		MAX4358ECE+	135C, 5.25V	1000 HRS	47	0	
			135C, 5.25V	1000 HRS	50	0	
			135C, 5.25V	1000 HRS	50	0	
		MAX3790CCQ	135C, 5.25V	1000 HRS	77	0	
<b>Total:</b>						<b>0</b>	

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