

RELIABILITY MONITOR REPORT
FOR

TQFP Package

Dallas Semiconductor

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This Report was prepared by
Dallas Semiconductor 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
ATK (Amkor, K)	48	TQFP (Pb-Free)

The calculated failure rate for this assembly is:

FAILURE RATE: MTTF (YRS): 9048 FITS: 12.6

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: TQFP (Pb-Free)
Flammability: UL 94-V0
Date Code Range: 0642 to 0642

OPERATING LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
HIGH TEMP OP LIFE	0642	DS3988	125C, 5.5 VOLTS	1000 HRS	77	0	
Total:						0	

WE ENDURANCE AND DATA RET'N

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
STORAGE LIFE	0642	DS3988	150C	1000 HRS	77	0	
WRITE CYCLE STRESS (KCYS)			70 C, 5.5 VOLTS	30 KCYS	77	0	
Total:						0	

FAILURE RATE: MTTF (YRS): 9048 FITS: 12.6