



4/20/2008

RELIABILITY MONITOR REPORT
FOR

Module 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
Batangas Assembly	28	Module F-Clip Hi Density SMT (Pb-Free)

Note: Due to the nature of the construction on this assembly, there is no operating life data collected.

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.

Assembly Information:

Package Type: Module (Pb-Free)
 Flammability: UL 94-V0
 Date Code Range: 0714 to 0731

STORAGE LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
VISUAL INSPECTION	0714	DS1643	WHISKERS < 50uM		76	0	
STORAGE LIFE			85 C	1000 HRS	77	0	
Total:						0	

TEMPERATURE CYCLE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
VISUAL INSPECTION	0714	DS1643	WHISKERS < 50uM		77	0	
TEMP CYCLE, 5' RAMP, 10' DWELL			-40 TO 85C	1000 CYS	77	0	
Total:						0	

TEMPERATURE HUMIDITY BIAS

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
VISUAL INSPECTION	0714	DS1643	WHISKERS < 50uM		77	0	
BIASED MOISTURE			85/85, 5.5 VOLTS	1000 HRS	77	0	
VISUAL INSPECTION	0731	DS1744	WHISKERS < 50uM		77	0	
BIASED MOISTURE			85/85, 3.5 VOLTS	1000 HRS	77	0	
Total:						0	