



5/9/2009

RELIABILITY MONITOR REPORT
FOR

iButton 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	ASSY SITE	PINS	PACKAGE
Batangas Assembly	2	iButton FC (RoHS)	Batangas Assembly	2	iButton IM (RoHS)

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 1/1/2008 and 12/31/2008.

Assembly Information:

Package Type: iButton FC (RoHS)
Flammability: UL 94-V0
Date Code Range: 0841 to 0841

TEMPERATURE CYCLE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
TEMP CYCLE, 5' RAMP, 10' DWELL	0841	DS1977	-40 TO 85C	1000 CYS	77	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	0841	DS1977	-40 TO 85C	1000 CYS	77	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	0841	DS1977	-40 TO 85C	1000 CYS	77	0	
Total:						0	

Assembly Information:

Package Type: iButton IM (RoHS)
Flammability: UL 94-V0
Date Code Range: 0804 to 0804

TEMPERATURE CYCLE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
TEMP CYCLE, 5' RAMP, 10' DWELL	0804	DS1923	-40 TO 85C	2000 CYS	77	0	
Total:						0	