



4/20/2008

RELIABILITY MONITOR REPORT  
FOR

**Dongle 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	0	Dongle or Fob (RoHS)	Batangas Assembly	2	Dongle or Fob (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 4/1/2007 and 3/31/2008.

**Assembly Information:**

Package Type: Dongle (RoHS)  
 Flammability: UL 94-V0  
 Date Code Range: 0717 to 0717

**STORAGE LIFE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
STORAGE LIFE	0717	DS1410	85 C	1000 HRS	49	0	
STORAGE LIFE	0717	DS1410	85 C	1000 HRS	77	0	
STORAGE LIFE	0717	DS9490	85 C	1000 HRS	77	0	
<b>Total:</b>						<b>0</b>	

**TEMPERATURE CYCLE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
TEMP CYCLE, 5' RAMP, 10' DWELL	0717	DS1410	-40 TO 85C	1000 CYS	50	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	0717	DS1410	-40 TO 85C	1000 CYS	77	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	0717	DS9490	-40 TO 85C	1000 CYS	77	0	
<b>Total:</b>						<b>0</b>	

**UNBIASED MOISTURE RESISTANCE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
MOISTURE SOAK	0717	DS1410	60C/90% R.H.	1000 HRS	49	0	
MOISTURE SOAK	0717	DS1410	60C/90% R.H.	1000 HRS	77	0	
MOISTURE SOAK	0717	DS9490	60C/90% R.H.	1000 HRS	77	0	
<b>Total:</b>						<b>0</b>	