

RELIABILITY MONITOR REPORT
FOR

SipStik 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 assemblies covered by this package monitor are:

ASSY SITE	PINS	PACKAGE		
Batangas Assembly	40	SipStik Conformal Coat (RoHS)	Batangas Assembly	60 SipStik Conformal Coat (RoHS)
Batangas Assembly	68	SipStik Conformal Coat (RoHS)	Batangas Assembly	72 SipStik Conformal Coat (RoHS)
Batangas Assembly	80	SipStik Conformal Coat (RoHS)	Dallas	80 SipStik
Dallas	80	SipStik w/Conformal Coat	Fastech	80 SipStik
Fastech	40	SipStik Conformal Coat (RoHS)	Fastech	60 SipStik Conformal Coat (RoHS)
Fastech	68	SipStik Conformal Coat (RoHS)	Fastech	72 SipStik Conformal Coat (RoHS)
Fastech	80	SipStik Conformal Coat (RoHS)	Fastech	40 SipStik w/Conformal Coat
Fastech	60	SipStik w/Conformal Coat	Fastech	68 SipStik w/Conformal Coat
Fastech	72	SipStik w/Conformal Coat	Fastech	80 SipStik w/Conformal Coat
ISPL (ATEC, PI)	72	SipStik	ISPL (ATEC, PI)	80 SipStik

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 7/1/2006 and 6/30/2007.

Assembly Information:

Package Type: SipStik (RoHS) 0
 Flammability: UL 94-V0
 Moisture Sensitivity (JEDEC J-STD20A)
 Date Code Range: 0717 to 0717

STORAGE LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
STORAGE LIFE	0717	DS38452	85 C	1000 HRS	77	0	
Total:						0	

TEMPERATURE CYCLE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
TEMP CYCLE	0717	DS38452	-40 TO 85C	1000 CYS	77	0	
Total:						0	

UNBIASED MOISTURE RESISTANCE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
MOISTURE SOAK	0717	DS38452	60C/90% R.H.	1000 HRS	77	0	
Total:						0	