



宜特科技股份有限公司



Integrated Service Technology Inc.

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Test Site Address: 1F, No.22, Pu-Ding Rd., Hsin-Chu, Taiwan, R.O.C.

RA No: 9401793-E
Date : 07/13/2005

可靠度測試報告

RELIABILITY TEST REPORT

Applicant/Department: 擎力科技股份有限公司	
Address : 台北市南港區園區街 3-2 號 9F-5	
Product : SPE0506	
Testing Item : ESD-HBM	Package/Pin Count: SOT-23/6
Application Date : 07/12/2005	Date Finished : 07/13/2005
Test Method : MIL-STD-883F Method 3015.7	
Failure Criteria : FOR V CHANGE AT 1μA ±30%	
Test Voltage : 1000V~8000V(±) , Step:1000V(±)	

Testing Item	
Random ESD-HBM Test.....	P2

Remark:

This report refers only to the specimen submitted to testing, and be invalid as separately used.

Testing Engineer: Reliability Test Engineer <i>Evan Lin</i>	
Report Review: Reliability Test Engineer <i>Kosa Lin</i>	Laboratory Head: Manager <i>Frank Wu</i>



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ESD-HBM Testing Report

Test Equipment:

KEYTEK ZAPMASTER #9-6065

Environmental Condition of Laboratory:

Temperature: 25° C ±5° C

Humidity: 55%±10% RH

Test Condition:

PIN1 – PIN6 (+)

PIN2 – PIN5 (+)

PIN1 – PIN6 (-)

PIN2 – PIN5 (-)

Test Result:

MODEL: HBM	ESD SENSITIVITY PASS : <u>±8000V</u>		V CLASS: <u>3</u>
PIN COMBINATION	SAMPLE SIZE	PASSED VOLTS	NOTE: FOR MIL-STD CLASS1: 0V-1999V CLASS2: 2000V-3999V CLASS3: 4000V-TO ABOVE
PIN1 – PIN6 (+) PIN2 – PIN5 (+)	2	+8000V	
PIN1 – PIN6 (-) PIN2 – PIN5 (-)	2	-8000V	

PIN1 – PIN6 (+) PIN2 – PIN5 (+) (UNIT: V)			
Test Pin	FAIL VOLTAGE	#1	#2
	2	PASS	PASS
	1	PASS	PASS

PIN1 – PIN6 (-) PIN2 – PIN5 (-) (UNIT: V)			
Test Pin	FAIL VOLTAGE	#1	#2
	2	PASS	PASS
	1	PASS	PASS