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No.:T1117

Report No.：SH0805280002HE-CN

ESD RELIABILITY TEST REPORT

TEST REPORT

Company ：**LINSN TECHNOLOGY**
Address ：**5/F, Xinhaofang Bldg., No.188 Shennan Rd., Nanshan District, Shenzhen City, Guangdong Province, P.R. China.**
Sample Name ：**LXY28161**

Date of Received ：May 28, 2008

Date of Tested ：May 28, 2008

TESTING LABORATORY IS ACCREDITED BY:

IEC/IECQ 17025 certificate of independent test laboratory approval
Certificate No.：T1117

WE HEREBY CERTIFY THAT:

The test(s) shown in the attachment were conducted according to the indicating procedures. We assume full responsibility for the accuracy and completeness of these tests and vouch for the qualifications of all personnel performing them.

	Name	Signature	Date
Testing Engineer	Jianbo Song	Jianbo Song	2008/5/28
Approving Manager	Alston Wang	Alston Wang	2008/5/28
Vice President	Coming Chen	Coming Chen	2008/5/28

Note：

1. This report will be invalid if reproduced in whole or in part.
2. This report refers only to the specimen(s) submitted to test, and is invalid if used separately.
3. This report is ONLY valid with the examination seal and signature of this institute.
4. The tested specimen(s) will only be preserved for thirty days from the date issued, if not collected by the applicant.

ESD RELIABILITY TEST REPORT

Applicant/Department: LINSN TECHNOLOGY.			
Product	: LXY28161	**Sample Size**	: **12** (units)
Testing Item	: ESD-HBM	**Package/Pin Count**: SSOP/24	
Test Method	: MIL-STD-883G Method 3015.7		
Failure Criteria	: FOR V CHANGE AT 1μA ±30%		
Test Voltage	: 4000V~8000V, Step: 500V(±).		

ESD-HBM Testing Report

Test Equipment:

KEYTEK ZAPMASTER 7/4

Test Equipment S/N:

9608430

Calibration Date:

June 22, 2007

Recommended Due Date:

June 21, 2008

Environmental Condition of Laboratory:

Temperature: 25ºC±5ºC

Humidity: 55%±10% RH

Test Condition:

IO VCC TO VSS (+)
IO VCC TO VSS (-)
IO VSS TO VCC (+)
IO TO IO (+)

Test Result:

MODEL: HBM	ESD SENSITIVITY PASS : **±6500V**		V CLASS: **3**
PIN COMBINATION	SAMPLE SIZE	PASSED VOLTS	**NOTE:**
IO VCC TO VSS (+)	3	+7500	FOR EIAJ TEST NO CLASSIFICATION CLASS 0: < 250V CLASS 1A: 250V TO 499V CLASS 1B: 500V TO 999V CLASS 1C: 1000V TO 1999V CLASS 2: 2000V TO 3999V CLASS 3A: 4000V TO 7999V CLASS 3B: ≧ 8000V
IO VCC TO VSS (-)	3	-6500	
IO VSS TO VCC (+)	3	+8000	
IO TO IO(+)	3	+8000	

VCC: Pin24;
VSS: Pin1;
IO: Pin2-23;

IO VCC TO VSS (+)				(UNIT:V)
Test Pin	FAIL VOLTAGE	#1-1	#1-2	#1-3
2		PASS	PASS	PASS
3		PASS	PASS	PASS
4		PASS	PASS	PASS
5		PASS	PASS	PASS
6		8000	PASS	PASS
7		PASS	PASS	PASS
8		8000	8000	PASS
9		PASS	PASS	PASS
10		PASS	8000	PASS
11		PASS	8000	PASS
12		PASS	PASS	PASS
13		PASS	PASS	PASS
14		PASS	PASS	8000
15		PASS	8000	PASS
16		PASS	PASS	8000
17		PASS	PASS	PASS
18		PASS	PASS	PASS
19		8000	PASS	PASS
20		PASS	PASS	PASS
21		PASS	PASS	PASS
22		PASS	PASS	PASS
23		PASS	PASS	PASS
24		PASS	PASS	PASS

IO VCC TO VSS (-)				(UNIT:V)
Test Pin	FAIL VOLTAGE	#2-1	#2-2	#2-3
2		PASS	PASS	PASS
3		PASS	PASS	PASS
4		PASS	PASS	PASS
5		PASS	PASS	PASS
6		PASS	PASS	PASS
7		PASS	PASS	PASS
8		PASS	PASS	PASS
9		PASS	PASS	PASS
10		PASS	PASS	PASS
11		PASS	PASS	PASS
12		PASS	PASS	PASS
13		PASS	PASS	PASS
14		PASS	PASS	PASS
15		PASS	PASS	PASS
16		PASS	PASS	PASS
17		PASS	PASS	PASS
18		PASS	PASS	PASS
19		PASS	PASS	PASS
20		PASS	PASS	PASS
21		PASS	PASS	PASS
22		7000	7000	7500
23		PASS	PASS	PASS
24		7000	PASS	7500

IO VSS TO VCC (+)				(UNIT:V)
Test Pin	FAIL VOLTAGE	#3-1	#3-2	#3-3
1		PASS	PASS	PASS
2		PASS	PASS	PASS
3		PASS	PASS	PASS
4		PASS	PASS	PASS
5		PASS	PASS	PASS
6		PASS	PASS	PASS
7		PASS	PASS	PASS
8		PASS	PASS	PASS
9		PASS	PASS	PASS
10		PASS	PASS	PASS
11		PASS	PASS	PASS
12		PASS	PASS	PASS
13		PASS	PASS	PASS
14		PASS	PASS	PASS
15		PASS	PASS	PASS
16		PASS	PASS	PASS
17		PASS	PASS	PASS
18		PASS	PASS	PASS
19		PASS	PASS	PASS
20		PASS	PASS	PASS
21		PASS	PASS	PASS
22		PASS	PASS	PASS
23		PASS	PASS	PASS

IO TO IO (+)				(UNIT:V)
Test Pin	FAIL VOLTAGE	#4-1	#4-2	#4-3
2		PASS	PASS	PASS
3		PASS	PASS	PASS
4		PASS	PASS	PASS
5		PASS	PASS	PASS
6		PASS	PASS	PASS
7		PASS	PASS	PASS
8		PASS	PASS	PASS
9		PASS	PASS	PASS
10		PASS	PASS	PASS
11		PASS	PASS	PASS
12		PASS	PASS	PASS
13		PASS	PASS	PASS
14		PASS	PASS	PASS
15		PASS	PASS	PASS
16		PASS	PASS	PASS
17		PASS	PASS	PASS
18		PASS	PASS	PASS
19		PASS	PASS	PASS
20		PASS	PASS	PASS
21		PASS	PASS	PASS
22		PASS	PASS	PASS
23		PASS	PASS	PASS