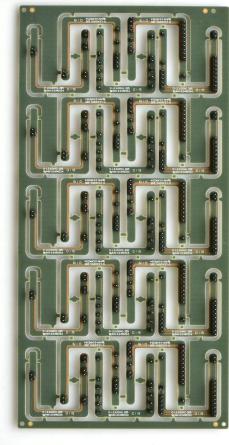
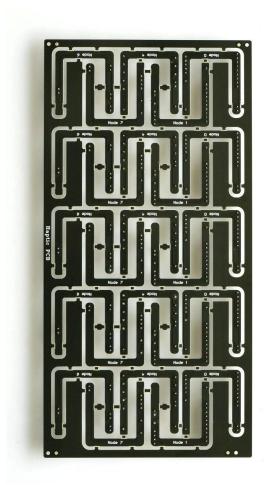
O[] [][]

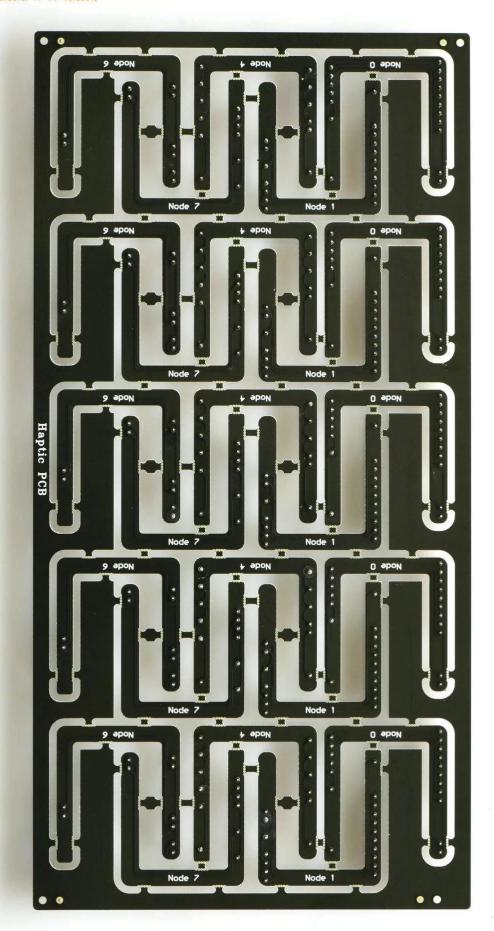
000 000 000 000000. O OEM 0 00 000 pcba 00 pcb 000



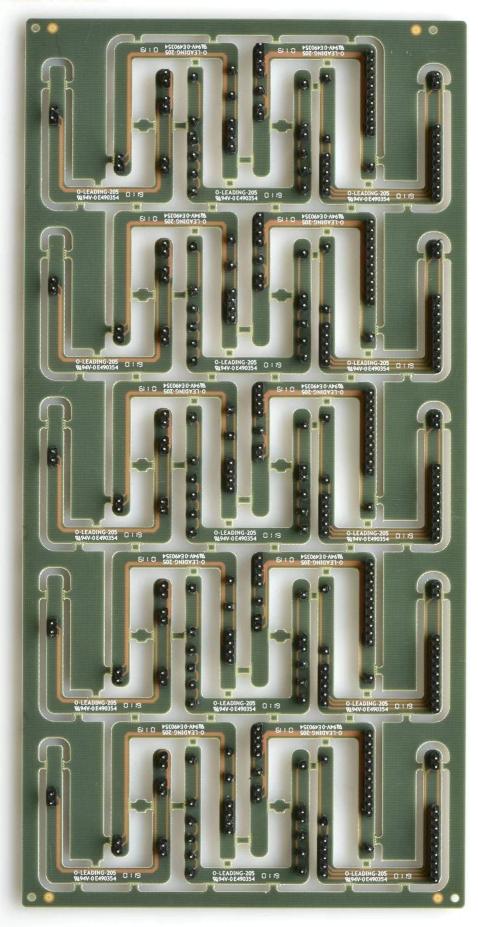










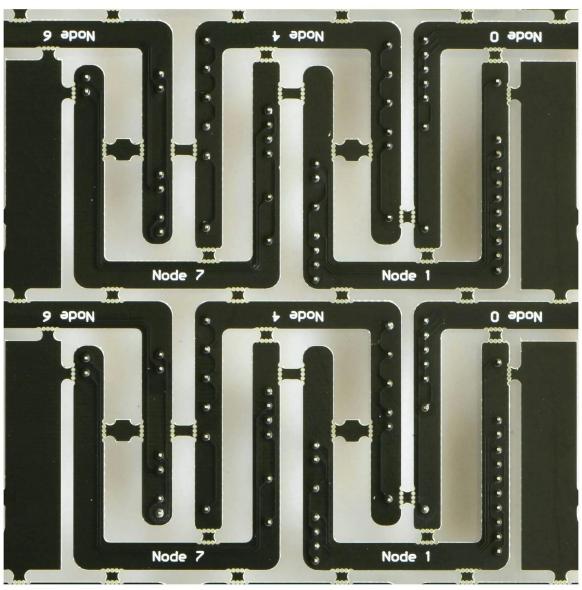




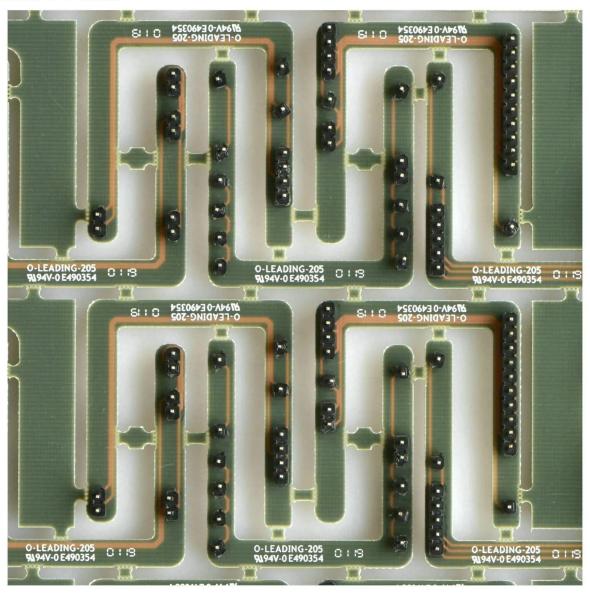










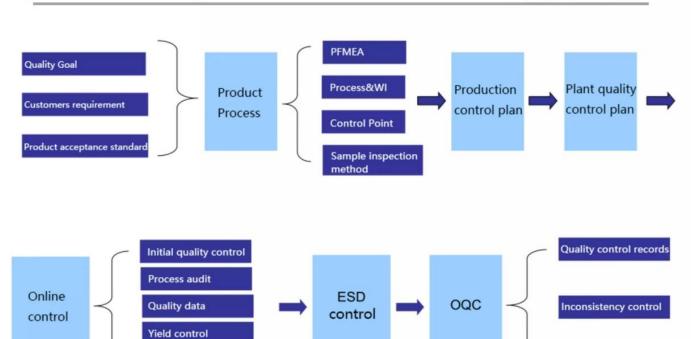


Quality Control Process

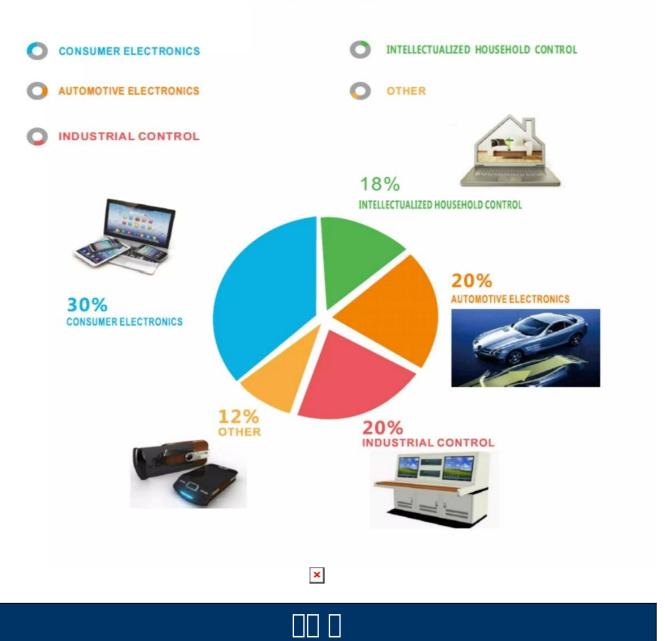
Quality control plan



Quality problem tracking



Market Share





Factory PCB



Automatic vacuum press machine



Drilling Machine



Pattern Plating Machine



Scrubbing Machine



Developing Machine



Routing Machine



High-speed flying probe machine



E-test Machine

Factory SMT



















Test Report

O-LEADING SUPPLY CHAIN (HK) CO., LIMITED

No. SZXEC1900530401

1313,FLOOR 13, FORTUNE BUILDING, DANSHUI TOWN, HUIYANG DISTRICT, HUIZHOU, GUANGDONG, CHINA

Date: 30 Mar 2019 Page 1 of 6

Test Report No. SZXEC1900530401 Date: 30 Mar 2019 Page 2 of 6

Test Results :

Test Part Description :

 Specimen No.
 SGS Sample ID
 Description

 SN1
 SZX19-005304.001
 Green*PCB**

(1) 1 mg/kg = 1 ppm = 0.0001% (2) MDL = Method Detection Limit

(3) ND = Not Detected (< MDL)

(4) "-" = Not Regulated

RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

Test Method : With reference to IEC 62321-4:2013+A1:2017, IEC682321-5:2013, IEC62321-7:2:2017, IEC 62321-6:2015 and IEC62321-8:2017, analyzed by ICP-OES, UV-Vis and GC-MS.

Test Item(s)	Limit	Unit	MDL	001
Cadmium (Cd)	100	mg/kg	2	ND
Lead (Pb)	1,000	mg/kg	2	8
Mercury (Hg)	1,000	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	1,000	mg/kg	8	ND
Sum of PBBs	1.000	mg/kg		ND
Monobromobiphenyl		mg/kg	5	ND
Dibromobiphenyl	12	mg/kg	5	ND
Tribromobiphenyl	15	mg/kg	5	ND
Tetrabromobiphenyl		mg/kg	5	ND
Pentabromobiphenyl		mg/kg	5	ND
Hexabromobiphenyl		mg/kg	5	ND
Heptabromobiphenyl		mg/kg	5	ND
Octabromobiphenyl		mg/kg	5	ND
Nonabromobiphenyl	6	mg/kg	5	ND
Decabromobiphenyl		mg/kg	5	ND
Sum of PBDEs	1,000	mg/kg		ND
Monobromodiphenyl ether		mg/kg	5	ND
Dibromodiphenyl ether	12	mg/kg	5	ND
Tribromodiphenyl ether	2	mg/kg	5	ND
Tetrabromodiphenyl ether	-	mg/kg	5	ND
Pentabromodiphenyl ether		mg/kg	5	ND



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- Remark (14.0 post-times-days-scene)
(2586g to 4.1 post-times-form) (14.0 post-times-for

Member of the SGS Group (SGS SA)

The following sample(s) was/were submitted and identified on behalf of the clients as : OSP

SGS Job No. : RP19-005089 - SZ Date of Sample Received : 22 Mar 2019

22 Mar 2019 - 30 Mar 2019 Testing Period :

Test Requested : Selected test(s) as requested by client. Test Method Please refer to next page(s).

Test Results : Please refer to next page(s).

Conclusion:

Based on the performed tests on submitted sample(s), the results of Lead. Mercury, Cadmium, Hexavalent chiromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBBcs) and Phthalates such as Bis(2-ethylbexyl) phthalate (DBFP). Bibutyl phthalate (DBFP). To butyl phthalate (DBFP), and Diisobutyl phthalate (DBFP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/85/EU.

Signed for and on behalf of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

lina

Tina Fan Approved Signatory



Max

Max

UL Product iQ™



ZPMV2.E490354 - WIRING, PRINTED - COMPONENT

Wiring, Printed - Component

See General Information for Wiring, Printed - Component

Cond Width

O-LEADING SUPPLY CHAIN (HK) CO LTD

E490354

ROOM 1205, 12/F TAI SANG BANK BLDG 130-132 DES VOEUS ROAD CENTRAL, HONG KONG

		Min	Cond	SS/	Area	Solo	der	Oper		Meets	c
	Min	Edge	Thk	DS/	Diam	Lim	its	Temp	Flame	UL796	T
Type	mm(in)	mm(in)	mic(mil)	DSO	mm(in)	c	sec	c	Class	DSR	1
Multilayer (m	Multilayer (mass laminate) printed wiring boards.										
O-LEADING- 401	0.1 (0.004)	0.3 (0.012)	34 (1.34)	DS	12.7 (0.5)	260	10	130	V-0	100	:70
O-LEADING- 407	0.08 (0.003)	0.2 (0.008)	17 (0.67)	DS	9.7 (0.4)	260	10	130	V-0	All	-
Multilayer pri	Multilayer printed wiring boards.										
O-LEADING- 408	0.125 (0.005)	0.125 (0.005)	12 (0.47) Int:136	DS	50.8 (2.0)	280	20	130	V-0	All	*
Single layer p	Single layer printed wiring boards.										
O-LEADING- 002	0.38 (0.015)	1.14 (0.045)	34 (1.34)	SS	19.1 (0.8)	260	10	105	V-0	All	-
O-LEADING- 003	0.38 (0.015)	1.14 (0.045)	34 (1.34)	SS	19.1 (0.8)	260	10	130	V-0	A	128
O-LEADING- 033	0.15 (0.006)	0.3 (0.012)	34 (1.34)	SS	25.4 (1.0)	260	10	120	V-0	All	-
O-LEADING- 205	0.1 (0.004)	0.3 (0.012)	34 (1.34)	DS	69.6 (2.7)	260	10	130	V-0	All	120
O-LEADING- 206	0.15 (0.006)	0.33 (0.013)	17 (0.67)	DS	69.6 (2.7)	260	10	130	V-0	All	==
O-LEADING- D01	0.14 (0.006)	0.15 (0.006)	33 (1.30)	DS	25.4 (1.0)	260	10	130	V-0	All	*
O-LEADING- S01	0.25 (0.010)	0.25 (0.010)	17 (0.67)	SS	25.4 (1.0)	260	4	130	V-0	All	*

WIRING, PRINTED - COMPONENT | UL Product iQ

O-LEADING- S02	0.2 (0.008)	0.2 (0.008)	17 (0.67)	SS	25.4 (1.0)	260	4	130	НВ	A	*
O-LEADING- S03	0.25 (0.010)	0.25 (0.010)	34 (1.34)	SS	25.4 (1.0)	260	4	130	V-0	All	*

 $[\]mbox{\ensuremath{\star}}$ - CTI marking is optional and may be marked on the printed wiring board.

Marking: Company name or file number and type designation. May be followed by a suffix to denote factory identification or burning test classification.

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PCB [][[]					
000 0	1Layer-32Layer				
00 0 00 00	1 / 3oz-12oz				
00 00 0 / 00 00	3.0mil / 3.0mil				
00 00 0 / 00 00	4.0mil / 4.0mil				
00 000	10 : 1				
00 00	0.2mm-5.0mm				
00 00 00 (00)	635 * 1500mm 4mil				
00 00 00 00 PIated 00 00	4mii +/- 3mil				
Blind / Buried Vias (AII []])	+/- Sillii				
00 00	FR-4, FR-4high Tg. 000 00 00, 00, 0000000,000 00, 00				
00 00	HASL, OSP, ENIG, HAL-LF, 000,00 00, 0 000, 00 00				
SMT [] []					
PCB [[]		FR-4, CEM-1, CEM-3, 0000 00 00			
PCB		510x460mm			
□□□ PCB □□		50x50mm			
PCB [0.5mm-4.5mm			
		0.5-4mm			
		0201			
		0603 □□			
		15mm			
00 00 00		0.3mm			
□ BGA □ □		0.4			
		+/- 0.03mm			



Shipping service











	Quick Turn Lead Time				
Layer Count:	Lead Tim	Special Requirement			
1L/2L	2-3days	24 Hours,48 Hours			
4L	3-4days	48 Hours			
6L	4-5days	72 Hours			
8L	5-6days	NA			
10L	6-7days	NA			
12L	7-8days	NA			
14L	8-9days	NA			

	Standard Lead Time				
Layer Count:	Sample Lead Time	Volume order lead time			
2L	4 days	10 days			
4L	5 days	11 days			
6L	6 days	12 days			
8L	8 days	14 days			
10L	10 days	16 days			
12L	12 days	18 days			
14L	14 days	20 days			
16-32L	18 days	24 days			



- $1.1 \ \square\square$ ISO $9001 : 2008 \ \square\square$ \square \square \square $\square\square$ $\square\square$.
- $1.2\ \Box\Box\ \Box\Box\ \Box\Box\Box\ \Box\Box\Box\Box\ \Box\Box$
- $1.3 \ \square\square\square \ \square\square\square \ \square\square \ \square\square$. $\square: \square\square\square \ \square\square\square$, X-ray $\square\square$, AOI (Automated Optical Inspector) \square ICT (in-circuit testing).
- $1.4\ 00\ 00\ 00\ 00000\ 00\ 00\ 00\ 0$
- 1.5.

 $\ \ \, \square\ \, FR4,\ \, \square\ \, TG\ \, \square\ \, \square\ \, \square\square\ \, \square\square,\ \, Rogers,\ \, Arlon,\ \, Telfon,\ \, \square\square\square\square\ \, /\ \, \square\square\ \, \square\square\ \, \square\square,\ \, PI\ \, \square$

4. PCB [] PCBA [][] [][] [][][] [][][]?

- 4.2 PCB □□ □□.
- 4.3 PCB $\square\square$ \square PCBA $\square\square$.
- $4.4 \square \square \square \square$.
- $4.5 \, \Box \Box$

5. 00 PCB0 0000 0000 000 00000?

6. HDI 00000 00 000 00000?

O- $\Box\Box$ ENIG, OSP, LF-HASL, $\Box\Box$ ($\Box\Box$ / $\Box\Box$), $\Box\Box$, $\Box\Box$, $\Box\Box$ 0 $\Box\Box$ 0 OSP OSP + ENIG \Box 0 $\Box\Box$ 0 \Box \Box 0 \Box \Box 0 \Box \Box 0 \Box \Box 0 \Box \Box 0 \Box \Box 0 \Box

8. FPC [[] [] [] [] O-Leading [SMT [] [] [] [] [] [] [] []

9. PCB 000 000 000 00 000 00000?

[];

PCB □□;

10. PCB, PWB [] FPC[] [][] [][][][][]?

PCB

FPC Flexible Printed Board [][][].

11. PCB 000 000 000 0 0000 0 000 00000?

 $\square\square\square \ \square \ \square\square \ \square\square : \square\square\square\square\square \ PCB\square \ \square\square \ 50 \ \square \ \square\square \ 250 \ ^{\circ}C\square \ \square\square\square\square\square\square.$

13. 0000 00 000 00000?