

O-LEADING

O-Leading 提供 PCB 設計、PCB 製造、PCB 組裝、PCBA 組裝、EMS 服務，為客戶提供一站式的電子製造服務。

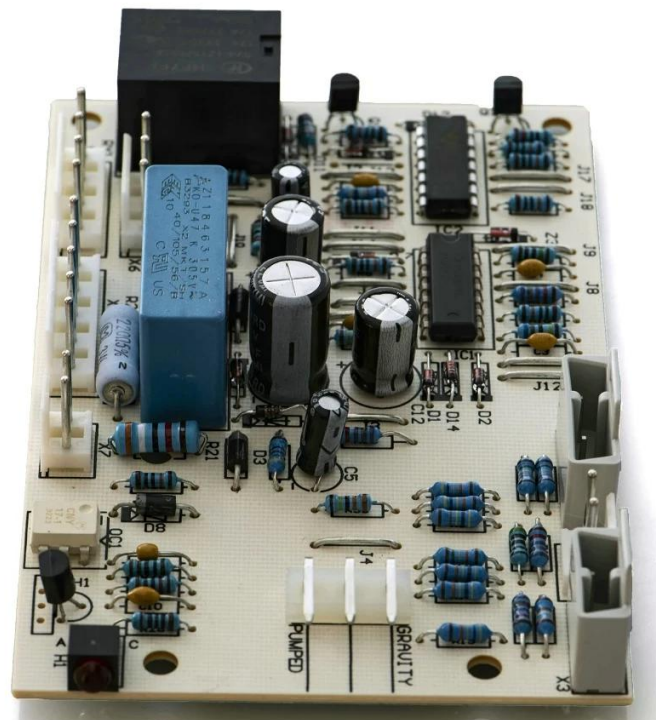
我們擁有先進的生產設備和技術，為客戶提供高品質、高可靠性的電子產品。

我們擁有專業的技術團隊，為客戶提供從設計到生產的全方位服務。我們的 PCB 和 PCBA 產品廣泛應用於各種電子設備中。

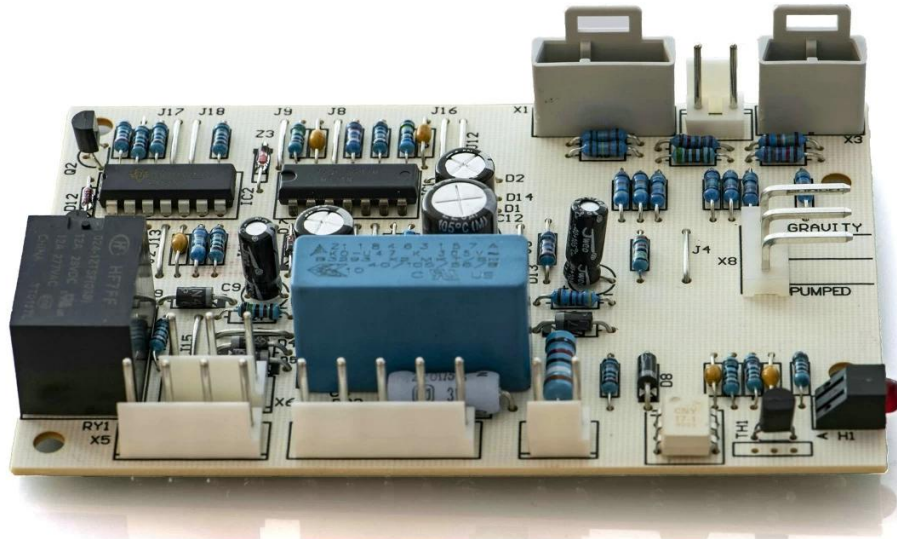
我們擁有先進的生產設備和技術，為客戶提供高品質、高可靠性的電子產品。

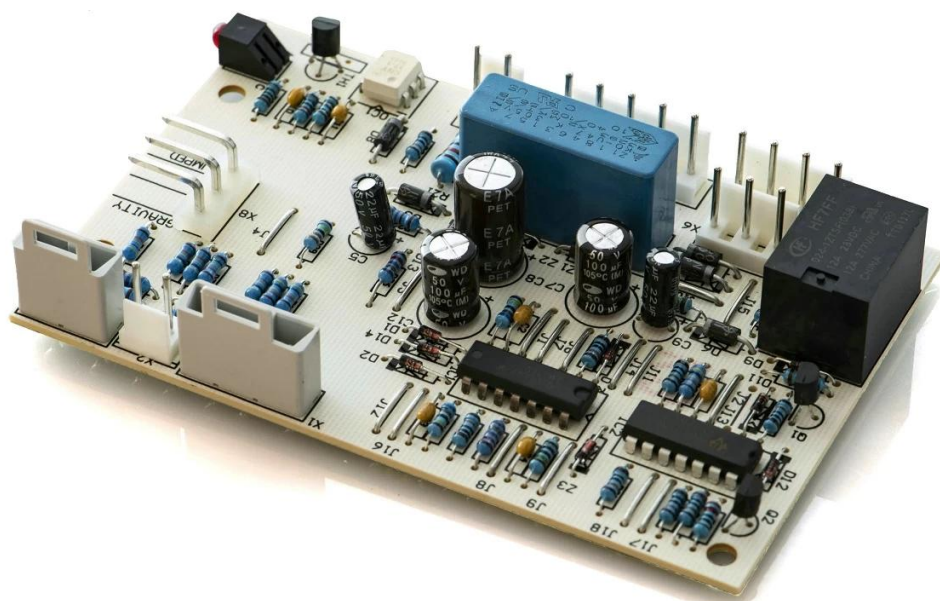
服務項目

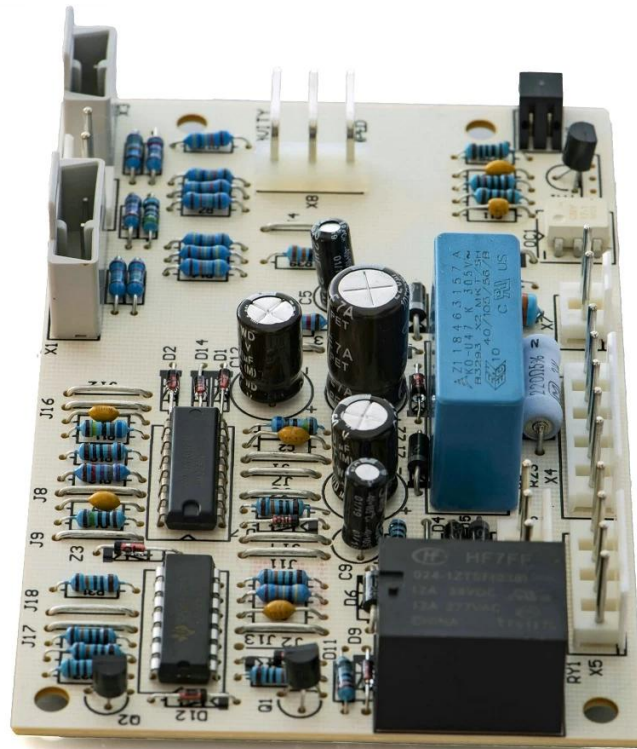
O-LEADING
To Be Reliable, To Be Valuable

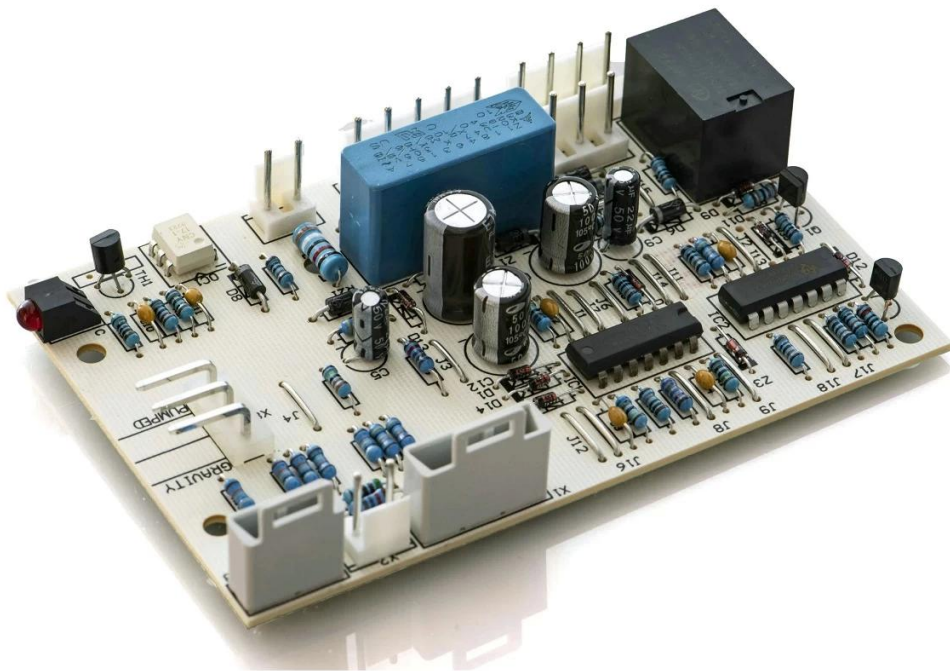


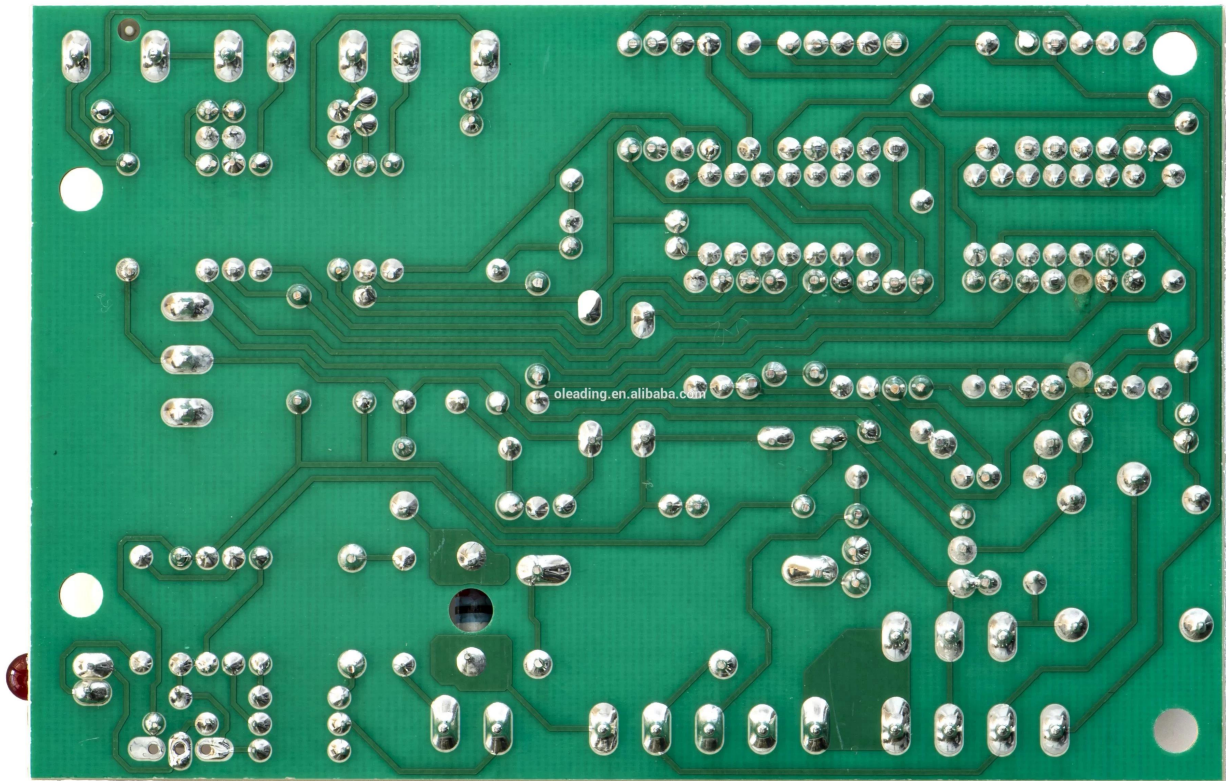
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PCB





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







No. SZXEC1900530401

Date: 30 Mar 2019

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

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

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

Testing Period : 22 Mar 2019 - 30 Mar 2019

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 chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP), and Diisobutyl phthalate (DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

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

Tina Fan
Approved Signatory



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SGS-SONO Group Technical Service Co., Ltd. www.sgsgroup.com.cn
中国·深圳·龙岗街道丹竹头4301号江湾工业园4栋SGS5楼 邮编: 518129 (86-755)25328888 (86-755)83106190 e: sgs.china@sgs.com

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No. SZXEC1900530401

Date: 30 Mar 2019

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Test Results :

Test Part Description:

Specimen No.	SGS Sample ID	Description
SN1	SZX19-005304.001	Green™PCB

Remarks :

(1) $1 \text{ mg/kg} = 1 \text{ ppm} = 0.0001\%$

(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, IEC62321-5:2013, 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	Q27
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	-	mg/kg	5	ND
Tri bromobiphenyl	-	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	-	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	-	mg/kg	5	ND
Tri bromodiphenyl ether	-	mg/kg	5	ND
Tetrabromodiphenyl ether	-	mg/kg	5	ND
Pentabromodiphenyl ether	-	mg/kg	5	ND



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SGS-SONO Group Technical Service (China) Co., Ltd.
or email: CN.Donckers@sgs.com
305 Bldg. 4, Anfu Industrial Park, No. 63, Jiuji Road, Jiangyin District, Suzhou City, Jiangsu 518129 | 86-755 25328888 | 86-755 83106190 | www.sgsgroup.com.cn
中国·深圳·龙岗区田田吉南路63号江三工业园4楼SGS大楼 邮编: 518129 | 86-755 25328888 | 86-755 83106190 | sgs.china@sgs.com

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ZPMV2.E490354 - WIRING, PRINTED - COMPONENT

Wiring, Printed - Component

See General Information for Wiring, Printed - Component

O-LEADING SUPPLY CHAIN (HK) CO LTD

E490354

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

Type	Cond Width		Cond Thk mic(mil)	SS/ DS/ DSO	Max	Max		Meets C UL796 T DSR I			
	Min	Min			Area	Solder	Oper		Flame		
	mm(in)	mm(in)			Diam	Limits	Temp		Class		
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	-	-
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 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 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	▲	-
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	-
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	HB	▲	*
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	*

* - 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 SMT

PCB		SMT	
PCB	1~32	PCB	FR-4 CEM-1 CEM-3
PCB	1 / 3oz-12oz		
PCB/PCB	3.0mil / 3.0mil	PCB	510x460mm
PCB/PCB	4.0mil / 4.0mil	PCB	50x50mm
PCB	10	PCB	0.5mm-4.5mm
PCB	0.2mm-5.0mm	PCB	0.5-4mm
PCB	635 * 1500mm	PCB	0201
PCB	4mil	PCB	0603
Plated Hole Tolerance	+/- 3mil	PCB	15mm
Blind / Buried Vias	PCB	PCB	0.3mm
Via Fill	PCB	PCB BGA	0.4mm
PCB	FR-4 FR-4high Tg	PCB	+/- 0.03mm
PCB	HASL OSP ENIG HAL-LF		

Shipping

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. O

ISO 9001:2008

1.1

1.2

1.3

1.4

1.5

2. O

10

O

Win-Win

3. O-Leading

FR4 TG

4. PCB

4.1 BOM

4.2 PCB Gerber

4.3 PCB PCBA

4.4

4.5

5. PCB

→ → AOI → → PTH → → → → AOI → → → → E / T →

6. HDI

VCPLDI

LDI Screen

7. O

O-ENIGOSP L F-HASL / HDIOSPENIGOSP + ENIGBGAPAD0.3 mmOSP OSP + ENIG

8. FPC O-Leading SMT

O-Leading FPC82000mm * 240mm SMT

9. PCB

; ; ; PCB ; ;

10. PCB PWB FPC

PCBPrinted Circuit Board PWBPrinted Wire Board FPCFlexible Printed Board

11. PCB

PCBTgCTEPCB50250°CPCBPCB

12. OIrigid-flex PCB

O-leadingPCBFPCPCB

13.

SI6000POLAR INSTRUMENTSCITS 500s

