

O-leading □ □ □ □ □ □ □ □

O-Leading PCB 板, PCB 板 及 PCB 电路板 (PCBA) 的 EMS 制造商 在 我们 的 网站 上 提供 HDI PCB, 多层 PCB, 刚-挠性 PCB 和 柔性 PCB 的 详细 信息. 我们 的 网站 提供 我们 的 产品 和 服务 的 详细 信息.

[illegible][illegible]

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銅板	銅板 (銅板)	銅板	O- 銅板
銅板 銅板	FR-4, 銅板	銅板 銅板	0.5 銅板 -5 銅板
銅板 銅板 銅板	0.2mm	銅板 銅板 銅板	0.2mm
銅板 銅板	銅板 銅板, OSP, 銅板 HASL	銅板 銅板	0.1-5mm
銅板 銅板 銅板	銅板, 銅板 銅板, 銅板, 銅板	銅板	銅板 銅板 PCB
銅板	ISO9001, UL, RoHS, SGS	Q / CTN	10PCS-100PCS
銅板	0.01kg -5kg	MOQ	10 銅板
銅板 銅板	銅板 銅板 PCB 銅板 pcba 銅板 銅板	銅板 銅板 銅板	0.2mm
銅板	, 銅板, 銅板, 銅板, black.yellow	銅板	\$ 0.1- \$ 10
design 銅板	銅板 銅板 銅板	銅板	0.01m3-10m3

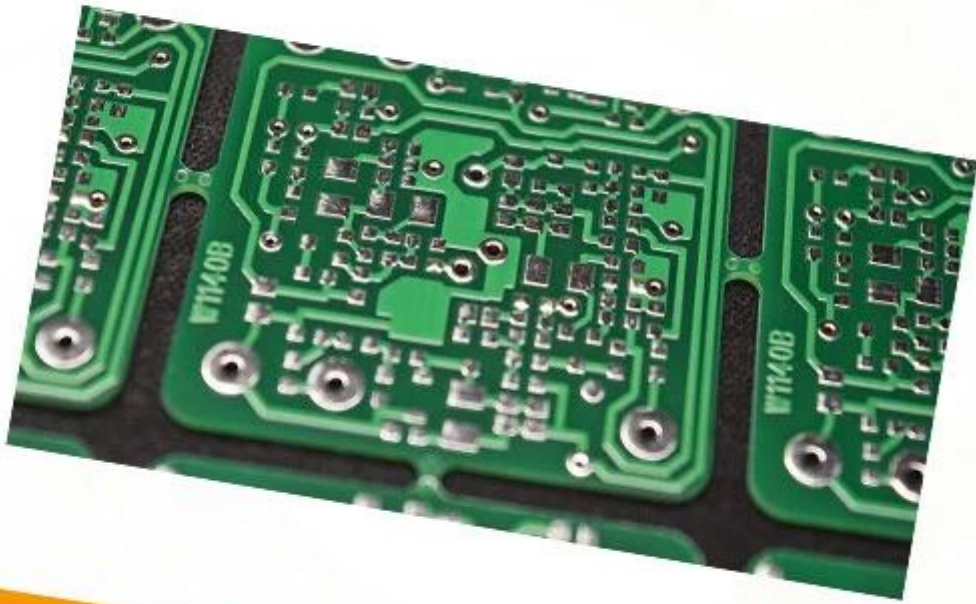
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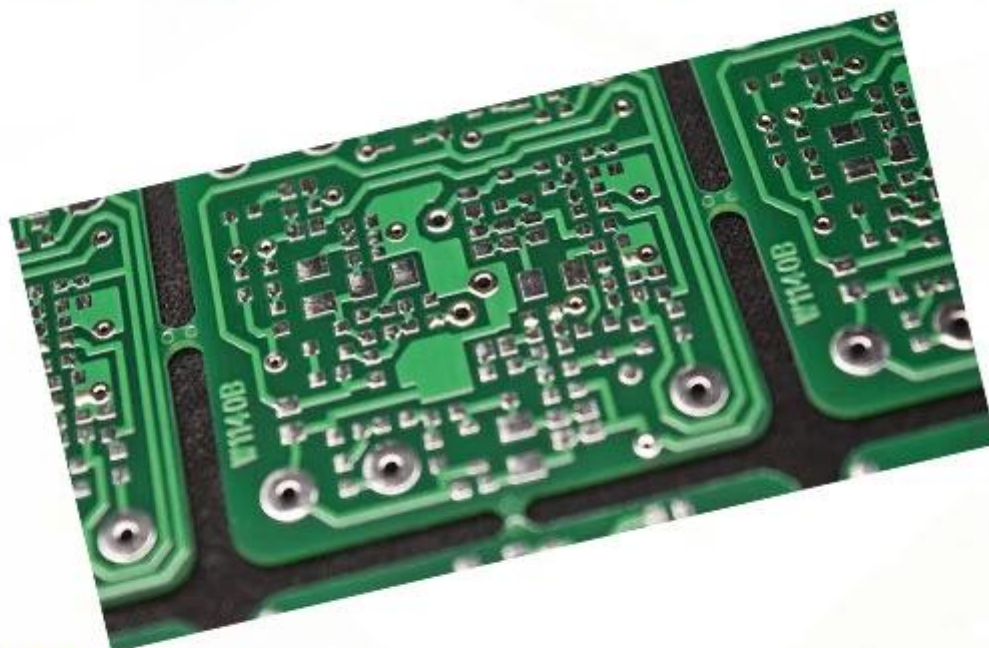
16 OEM pcb

	2014	2015 ~ 2016	2017 ~ 2018
□□	□□	□□	□□
□□□ □	32	42	38
□□ □□ / □□ (μm)	50/50	40/45	40/40
□□ □□ □□ □□ (mm)	0.15	0.10	0.15
□□□ PTH□	14 : 1	16 : 1	18 : 1
N + C + N	4 + C + 4	5 + C + 5	6 + C + 6
□□ □□□ □□ □□	5 + 2 + 5	6 + 2 + 6	5 + 2 + 5
□□□□ □□ □□	□	□	□
□□ □□ □□ (□□ □□) (μm)	50	40	30
□□ □□□ □□ □□ (μm)	75	65	50

銅箔厚度 mm / 銅箔厚度	mm	-	mm	-	mm	-
基材	FR4, Megtron, Nelco, Rogers, Heavy Copper					
銅箔厚度 PCB	mm	-	mm	-	mm	-
銅箔厚度	銅箔 HASL, ENIG, OSP, 銅箔, 銅箔, 銅箔厚度, 銅箔厚度, 銅箔厚度, 銅箔厚度, 銅箔厚度, 銅箔厚度					







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PCB 00000000

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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 (PDBEs) 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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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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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
	Min	Edge			Area	Solder	Oper	Flame	UL796	T	
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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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



PCB 規格

層數 : 1Layer-32Layer

銅厚 : 1 / 3oz-12oz

線寬 / 線距 : 3.0mil / 3.0mil

鑽孔 / 微孔 : 4.0mil / 4.0mil

縮放 : 10 : 1

厚度 : 0.2mm-5.0mm

板面尺寸 (mm) : 635 * 1500mm

表面鍍層 : 4mil

Plated 厚度 : +/- 3mil

Blind / Buried Vias (All 規格) : 可

鍍層厚度 (mm, 英寸) : 可

材料 : FR-4, FR-4high Tg.Halogen free material, Rogers, Aluminium base, 其他材料,

其他材料

表面處理 : HASL, OSP, ENIG, HAL-LF, 其他, 其他, 其他

SMT 規格

PCB 材料 : FR-4, CEM-1, CEM-3, 銅箔 銅 箔

銅 PCB 材料 : 510x460mm

銅 PCB 材料 : 50x50mm

PCB 材料 0.5mm-4.5mm

銅 箔 0.5-4mm

銅 箔 材料 : 0201

銅 箔 材料 : 0603 箔

銅 箔 材料 15mm

銅 箔 材料 : 0.3mm

銅 BGA 材料 : 0.4mm

銅 箔 : +/- 0.03mm