

# Tervetuloa O-johtaviin

O-johtava pyrkii olemaan yhden luukun ratkaisu kumppani EMS-toimitusketjussa, mukaan lukien PCB-suunnittelu, PCB-valmistus ja PCB-kokoonpano (PCBA). Tarjoamme joitakin kehittyneimmistä PCB-tekniikoista, mukaan lukien HDI PCB: t, monikerroksiset PCB: t, jäykät joustavat PCB: t. Voimme tukea nopeasti vuoroprototyypin keskipitkän ja massatuotantoon. [Kiina PCB-valmistajat](#)

Yleensä maailmanlaajuiset asiakkaamme ovat erittäin vaikuttuneita palveluistamme: nopea vastaus, kilpailukykyinen hinta ja laatu sitoutuminen [PCB Valmistaja Kiinassa](#)

Tulevaisuuden näköinen O-johtava keskittyy elektroniikan valmistustekniikan innovointiin ja kehittämiseen, ja tehdä pysyviä ponnisteluja PCB & PCBA: n yhden luukun palveluun tarjotakseen ensiluokkaisia palveluja ja luo enemmän arvoa asiakkaillemme.

Napsauta näitä lisätietoja: [Kaksipuolinen PCB Kiinassa](#)

## Tuotantokyky

Pikatiedot

Lähtöisin	Guang Dong, Kiina (Manner)	Tuotenimi	O-johtava
Pohjamateriaalia	FR-4, alumiini	Kuparipaksuus	0.5oz-5oz
Min. Reiän koko	0,2 mm	Min. Viivan leveys	0,2 mm
Pinnan viimeistely	Upotus kulta, OSP, Lead Free Hasl	väri-	Sininen, punainen, vihreä, musta.Yellow
sovellettava	LED, matkapuhelin, ilmastointilaitteet, pesukoneet	merkki	Teollisuuden ohjaus PCB
sertifikaatit	ISO9001, UL, ROHS, SGS	Q / CTN	10PCS-100PCS
paino	0,01 kg -5kg	Moq	10 kpl
Mallinumero	Power Bank PCB: n kokoonpano PCBA-valmistaja	Min. Riviväli	0,2 mm
väri-	Sininen, punainen, vihreä, musta.Yellow	hinta	\$ 0.1 - 10 dollaria
Desiule tyyppi	Asiakkaan vaatimus	koko	0,01m3-10m3

tuote	2014		2015 ~ 2016		2017 ~ 2018	
	Määrä	Näyte	Määrä	Näyte	Määrä	Näyte
Kerroslaskenta	32	42	38	44	42	48
Min Line / Space (µm)	50/50	40/45	40/45	40/40	35/40	35/35
Min porausreikä Halkaisija (mm)	0,15	0,10	0,15	0,10	0,15	0,10
Kuvasuhde pth	14: 1	16: 1	16: 1	18: 1	18: 1	20: 1
N + c + n	4 + C + 4	5 + C + 5	5 + C + 5	6 + C + 6	5 + C + 5	6 + C + 6
Kaikki kerroksen yhteenliittäminen	5 + 2 + 5	6 + 2 + 6	5 + 2 + 5	6 + 2 + 6	5 + 2 + 5	6 + 2 + 6
Levyn täyttö	J00	-	J00	-	J00	-
Min. Core-paksuus (sulje kupari) (µm)	50	40	40	30	40	30
Min. Laserporaus halkaisija (µm)	75	65	65	50	50	40
Kautta haudattu reikä / pinottu kautta	J00	-	J00	-	J00	-
Materiaali	FR4, Megtron, Nelco, Rogers, Raskas kupari jne.					

Sulautettu kondensaattori PCB	JOO	-	JOO	-	JOO	-
Pintaprosessi	Lyijytön HASL, ENIG, OSP, upotus hopea, upotus tina, Flash kulta, kulta sormi, valikoiva kova kultapinnoitus, Peelable juotosmaski, hiili muste					

## Tiimimme



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



# Sertifikaatit

CICC INSPECTION CERTIFICATION



**嘉泰认证**

**QUALITY MANAGEMENT SYSTEM CERTIFICATE**  
Certificate No: 18118Q10347R05

**We hereby certify that**  
**O-LEADING SUPPLY CHAIN(HK) CO.,LIMITED**  
Credit No: 61691591-000-07-18-7  
Registration Add: FLAT/RM 1205 12/F TAI SANG BANK BUILDING 130-132 DES VODEUS ROAD CENTRAL HK  
Business Add: 1213, Floor 13, Fortune Building, Danshui Town, Huiyang District, Huizhou, Guangdong, China

Has implemented and maintains a **Quality Management System** Which fulfills the requirements of the following standards  
GB/T19001-2016 idt ISO9001:2015

**Scope of certification**  
Sales of printed circuit boards

Initial issuance period: February 27, 2018  
Renewal date: April 22, 2019  
This certificate is valid during: April 22, 2019 – February 26, 2021  
This certificate is invalid without CICC qualified label in the following period

First supervision and audit	Second supervision and audit	Qualified mark
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The certification registration number does not include those production stages which fail to be covered by the relevant effective administrative procedures and qualification procedures mentioned in the scope. The effectiveness of this certificate shall be restricted to actual certificate scope of CICC. The certificate shall be valid when used together with the qualified mark issued.

The initial issuance of this certification was suspended on the period of CICC. See [www.cicc.com.cn](http://www.cicc.com.cn) for the state of matters.






CICC INSPECTION CERTIFICATION



**嘉泰认证**

**质量管理体系认证证书**  
证书号: 18118Q10347R05

**兹证明**  
**诚领供应链(香港)有限公司**  
统一社会信用代码: 61691591-000-07-18-7  
注册地址: 香港中環德輔道中130-132號大生銀行大廈1205室  
经营地址: 广东惠州惠阳淡水南亨西路财富大厦13楼1313

建立的质量管理体系符合  
GB/T19001-2016 idt ISO9001:2015 质量标准适用条款的要求

**认证范围**  
印刷线路板的销售

初次获证日期: 2018年02月27日  
换证日期: 2019年04月22日  
证书有效期: 自2019年04月22日至2021年02月26日  
在下列期限内, 未经CICC黏贴合格标贴, 本证书无效

第一次监督	第二次监督	黏贴处
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Test Report

No. SZXEC1900530401 Date: 30 Mar 2019 Page 1 of 6

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
Tina Fan
Approved Signatory



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Test Report

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Test Results :

Test Part Description :

Table with 3 columns: Specimen No., SGS Sample ID, Description. Row 1: SN1, SZX19-005304.001, Green"PCB"

Remarks :

- (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, IEC 62321-5:2013, IEC 62321-7-2:2017, IEC 62321-6:2015 and IEC 62321-8:2017, analyzed by ICP-OES, UV-Vis and GC-MS.

Table with 5 columns: Test Item(s), Limit, Unit, MDL, 0/1. Lists various substances like Cadmium, Lead, Mercury, Hexavalent Chromium, Sum of PBBs, etc.



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

E490354

Type	Cond Width		Cond Thk	SS/ DS/ DSO	Max	Max		Meets	C			
	Min	Edge			Area	Solder Limits	Oper Temp			Flame		
	mm(in)	mm(in)	mic(mil)		mm(in)	C	sec	C	Class	UL796	DSR	I
<b>Multilayer (mass laminate) printed wiring boards.</b>												
<b>O-LEADING-401</b>	0.1 (0.004)	0.3 (0.012)	34 (1.34)	DS	12.7 (0.5)	260	10	130	V-0	-	-	
<b>O-LEADING-407</b>	0.08 (0.003)	0.2 (0.008)	17 (0.67)	DS	9.7 (0.4)	260	10	130	V-0	All	-	
<b>Multilayer printed wiring boards.</b>												
<b>O-LEADING-408</b>	0.125 (0.005)	0.125 (0.005)	12 (0.47) Int:136	DS	50.8 (2.0)	280	20	130	V-0	All	*	
<b>Single layer printed wiring boards.</b>												
<b>O-LEADING-002</b>	0.38 (0.015)	1.14 (0.045)	34 (1.34)	SS	19.1 (0.8)	260	10	105	V-0	All	-	
<b>O-LEADING-003</b>	0.38 (0.015)	1.14 (0.045)	34 (1.34)	SS	19.1 (0.8)	260	10	130	V-0	▲	-	
<b>O-LEADING-033</b>	0.15 (0.006)	0.3 (0.012)	34 (1.34)	SS	25.4 (1.0)	260	10	120	V-0	All	-	
<b>O-LEADING-205</b>	0.1 (0.004)	0.3 (0.012)	34 (1.34)	DS	69.6 (2.7)	260	10	130	V-0	All	-	
<b>O-LEADING-206</b>	0.15 (0.006)	0.33 (0.013)	17 (0.67)	DS	69.6 (2.7)	260	10	130	V-0	All	-	
<b>O-LEADING-D01</b>	0.14 (0.006)	0.15 (0.006)	33 (1.30)	DS	25.4 (1.0)	260	10	130	V-0	All	*	
<b>O-LEADING-S01</b>	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

<b>O-LEADING-S02</b>	0.2 (0.008)	0.2 (0.008)	17 (0.67)	SS	25.4 (1.0)	260	4	130	HB	▲	*	
<b>O-LEADING-S03</b>	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

## Prosessin kyky

### PCB-tuotantominaisuudet

Kerroslaskenta: 1Layer-32Layer

Valmis kupari Paksuus: 1 / 3oz-12oz

Min Line Leveys / Sijainti Sisäinen: 3.0mil / 3.0mil

Min Line Leveys / Spacing Ulkoinen: 4.0mil / 4.0mil

Max kuvasuhde: 10: 1

Hallituksen paksuus: 0,2 mm - 5.0mm

Max-paneelin koko (tuumaa): 635 \* 1500mm

Pienin porausreikä Koko: 4mil

Pied Reikien toleranssi: +/- 3mil

BiD / Haudattu Vias (All-tyypit): Kyllä

Täytä (johtava, ei-johtava): Kyllä

Perusmateriaali: FR-4, FR-4HIGH TG.HALogen Free materiaali, Rogers, Aluminium Base,Polyimidi,

Raskas kupari

Pintapäälyste: HASL, OSP, ENIG, Hal-LF, LMMERSION SILVER,LMMERSION TIN, KULJETUKSET, Hiilimen muste



## **SMT Tuotantotoiminnat**

PCB Materiaali: FR-4, CEM-1, CEM-3, alumiinipohjainen levy

Max PCB koko: 510x460mm

Min PCB koko: 50x50mm

PCB-paksuus: 0,5 mm - 4,5 mm

Hallituksen paksuus: 0,5-4mm

MIN Komponentit Koko: 0201

Standardi sirun kokoinen komponentti: 0603 ja suurempi

Komponentti Max Korkeus: 15mm

Min Lead Pitch: 0,3mm

Min Bga Ball Pitch: 0.4mm

Sijoittelun tarkkuus: +/- 0.03mm