

# Benvenuti in O-Leader

Gli o-leader si impegna ad essere il tuo partner Solution One Stop nella catena di approvvigionamento EMS, incluso il design PCB, la fabbricazione di PCB e il PCB Assembly (PCBA). Forniamo alcune delle più avanzate tecnologie PCB, inclusi PCB HDI, PCB multistrato, PCB flessibili rigidi . Possiamo supportare dal prototipo di rotazione rapida a media e produzione di massa. [Fabbricazione di circuiti stampati](#)

In generale, i nostri clienti globali sono molto impressionati dai nostri servizi: risposta rapida, prezzo competitivo e impegno di qualità. Provare un servizio tecnico più prezioso e una soluzione generale è il modo in cui O-guida in avanti.

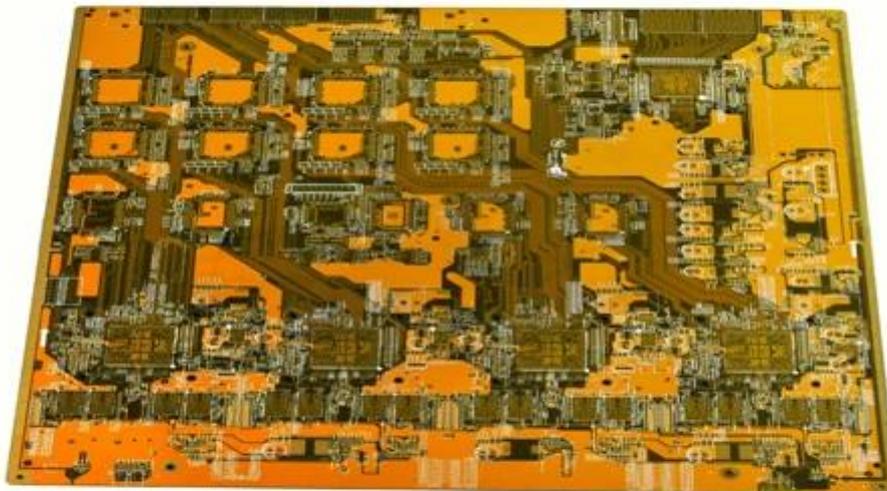
Guardando al futuro, O-leader si concentrerà sull'innovazione e lo sviluppo della tecnologia di produzione dell'elettronica come sempre e rendono sempre sforzi persistenti sul servizio PCB e PCBA one-stop per fornire servizi di prima classe e creare più valore per i nostri clienti.

Siamo un produttore di PCB professionale con oltre dieci anni di esperienza. Prodotti assortimenti - PCB a doppio lato, doppio lato, multistrato, PCB flessibile e MCPCB flessibile. Siamo in grado di fornire servizi di prototipo rapidi - S / S per 24 ore, 4-8 strati per 48-96 ore di produzione.

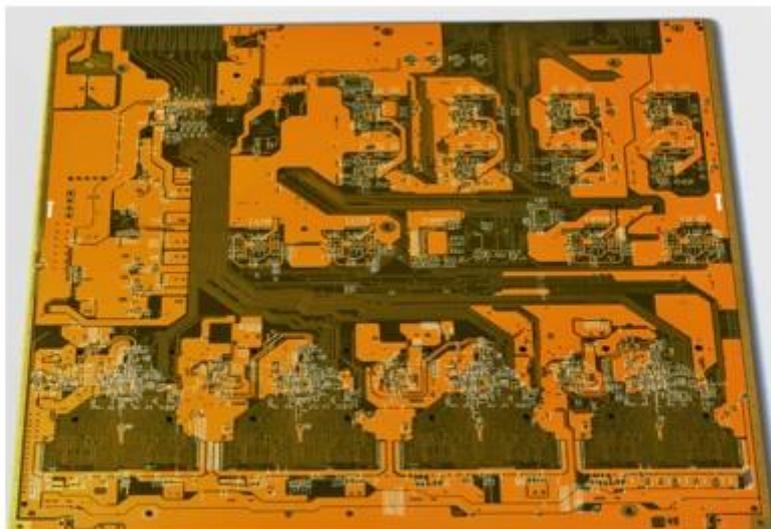
CopperFlat Aperto min. .025 AVG, .020 min. Giù non deve essere plascato  
Imballaggio con pellicola a bolle trasparente incolore, 25 pz / borsa, inserire l'essiccatore nel lato, posizionare l'indicatore di umidità in alto [Produttore di circuiti stampati](#)

Luogo d'origine	Guangdong, Cina (continente)	Marchio	O-leader.
Materiale di base	FR-4, alluminio, rogers, rame pesante,	Spessore di rame	0,5oz-5 once.
Min. Dimensione del buco	0,2 mm	Min. Larghezza della linea	0,2 mm
Finitura superficiale	Oro sommergibile / stagno / argento, osp, hasl senza piombo	Spessore del piatto	0,1-5mm.
utilizzabile per	Ghiaccio, telefono cellulare, aria condizionata, lavatrice	carattere	Scheda di controllo industriale
Certificati	ISO9001, UL, RoHS, SGS	Q / CTN.	richiesta del cliente
peso	0,01 kg -5 kg	MOQ.	10pc.S
colore	blu, rosso, verde, nero	Min. Spaziatura	0,2 mm.
Numero di modello	PCB PCBA Assembly ProductionE.r.	prezzo	\$ 0,1 - \$ 10.
Desigh Tipo.	Cliente Reque.san	dimensione	0,01m3-10m3.

[Porcellana PCB di alta qualità](#)



[www.o-leading.com](http://www.o-leading.com)



[www.o-leading.com](http://www.o-leading.com)

La nostra squadra



---

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

---



# Certificazioni

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
-----------------------------	------------------------------	----------------

The certification registration number does not include those production stages which fail to be covered by the relevant effective administrative procedures and qualification procedures stipulated by the state. The effectiveness of this certificate shall be restricted to those activities which are covered by the certification. The validity of this certificate shall be restricted to the period of time specified in the certificate. The initial issuance of this certificate can be restricted on the period of time specified in the certificate. For the sake of clarity see also the note.






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
-------	-------	-----

本证书认证范围不包括未取得有效的国家规定的行政许可、资质许可的产品/服务范围; 本证书通过CICC定期监督审核保持, 与年度《保持认证通知书》共同方为有效; 本证书信息可在国家认监委网站: www.cnca.gov.cn及CICC网站www.cicc.com.cn查询。








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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms-and-conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/terms-and-conditions/Electronic-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that unless he/she expressly agrees to the Company's liability in the event of its interest only and within the limits of China's jurisdiction, it is the Company's sole responsibility to its Client and this document does not constitute a contract. In the event of any dispute, all legal rights and obligations under the transaction documents, including but not limited to a transaction form, shall remain unaffected by the issuance of this document. This document cannot be reproduced or disseminated in any form without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this report refer only to the samples tested.

SGS (China) Co., Ltd. Shenzhen Branch (China) 518129 | 86-755-25208888 | 86-755-83106190 | www.sgs.com.cn
中国·深圳·龙岗区长岗路430号13楼工业园4栋505A室 邮编: 518129 | 86-755-25208888 | 86-755-83106190 | sgs.china@sgs.com

Member of the SGS Group (SGS SA)



Test Report

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

Test Results :

Test Part Description :

Specimen No. : SN1
SGS Sample ID : SZX19-005304.001
Description : 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, and 0/1. Lists various substances like Cadmium, Lead, Mercury, Hexavalent Chromium, and various brominated biphenyls with their respective limits and detection results.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms-and-conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/terms-and-conditions/Electronic-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that unless he/she expressly agrees to the Company's liability in the event of its interest only and within the limits of China's jurisdiction, it is the Company's sole responsibility to its Client and this document does not constitute a contract. In the event of any dispute, all legal rights and obligations under the transaction documents, including but not limited to a transaction form, shall remain unaffected by the issuance of this document. This document cannot be reproduced or disseminated in any form without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this report refer only to the samples tested.

SGS (China) Co., Ltd. Shenzhen Branch (China) 518129 | 86-755-25208888 | 86-755-83106190 | www.sgs.com.cn
中国·深圳·龙岗区长岗路430号13楼工业园4栋505A室 邮编: 518129 | 86-755-25208888 | 86-755-83106190 | sgs.china@sgs.com

Member of the SGS Group (SGS SA)



# 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			SS/ DS/ DSO	Max	Max			Meets UL796	C T	
	Min	Cond	Area		Solder	Oper	Flame	Class			
	Min	Edge			Thk						Limits
mm(in)	mm(in)	mic(mil)	Diam	C	sec	C	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.

并不是所有出现在本数据库中的公司名称和产品都满足了UL跟踪检验服务的要求。只有带有UL标志的产品，才应该被视为经过UL认证，并满足UL跟踪检验服务的要求。注意查看产品上的标志。

UL 允许在线认证目录中所含材料的复制遵循以下条件：1.指南信息、装配、构造、设计、系统和/或认证（文件）必须在不篡改任何数据（或图纸）的情况下完整且无误导性地呈现。2.经UL允许从在线认证目录转载“声明必须出现在所摘取材料的邻近位置。此外，转载材料必须包含以下格式的版权声明：“© 2019 UL LLC”

## 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

## Capacità di processo

### Capacità di produzione PCB.

Conteggio del livello: 1Layer-32layer

Spessore di rame finito: 1/3 once-12oz

Min Larghezza linea / spaziatura interna: 3.0mil / 3.0mil

Min Larghezza linea / spaziatura esterna: 4.0mil / 4.0mil

Rapporto massimo: 10: 1

Spessore del bordo: 0,2 mm-5.0mm

Dimensione del pannello massimo (pollici): 635 \* 1500mm

Dimensione minima forata forata: 4mil

Tolleranza del foro piegata: +/- 3mil

BIIND / Vias sepolti (Tipi All): Sì

Via Riempimento (conduttivo, non-conduttivo): sì

Materiale base: FR-4, FR-4High TG. MATERIALE GRATUITO FREE, ROGERS, BASE DI ALLUMINIO,Poliimmide, Rame pesante

Finiture superficiali: hasl, osp, enig, hal-If, Immerion argento,Tin di LMMER, dita d'oro, inchiostro del carbonio

## **Capacità di produzione SMT.**

Materiale PCB: FR-4, CEM-1, CEM-3, scheda a base di alluminio

MAX PCB Dimensione: 510x460mm

MIN Dimensioni PCB: 50x50mm

Spessore PCB: 0,5 mm-4.5mm

Spessore del bordo: 0,5-4mm

Min Componenti Dimensioni: 0201

Componente di dimensioni del chip standard: 0603 e più grande

Componente Altezza massima: 15mm

Min Pitch: 0.3mm

Min BGA Ball Pitch: 0.4mm

Precisione del posizionamento: +/- 0,03mm