

# Bienvenue sur O-MORT

O-Lead Leading s'efforce d'être votre partenaire de solution unique dans la chaîne d'approvisionnement EMS, y compris la conception PCB, la fabrication de circuits imprimé et l'assemblage PCB (PCBA) .Nous fournissons une partie de la technologie PCB la plus avancée, notamment des PCB HDI, des PCB multicouches, des PCB flexibles rigides Nous pouvons supporter du prototype de virage rapide à la production moyenne et de masse. [Module de moteur du moteur fabricant Chine](#)

En général, nos clients mondiaux sont très impressionnés par nos services: une réponse rapide, des prix compétitifs et un engagement de la qualité.LI PRODUIRE Un service technique plus précieux et une solution globale est la voie à suivre.

En ce qui concerne l'avenir, O-leader se concentrera sur l'innovation et le développement de la technologie de fabrication de l'électronique comme toujours et rendent les efforts persistants sur le service unique de PCB & PCBA afin de fournir des services de première classe et de créer plus de valeur pour nos clients.

Nous sommes un fabricant de PCB professionnel avec plus de dix ans d'expérience. Produits Plage-Simple, Double côté, PCB multicouche, PCB flexible et MCPCB.Nous pouvons fournir un service de prototype rapide - S / S dans 24 heures, 4-8layers dans 48-96 heures de production de produits de production de HRS.

Trous de la plaque de cuivre minimum .025 avg, 0,020 min .. Les trous peuvent ne pas être branchés

Pack avec film de bulle transparent incolore, 25 pcs / sac, placez le dessiccant dans le flanc, mettre la carte d'indicateur d'humidité sur le dessus

## Description du produit

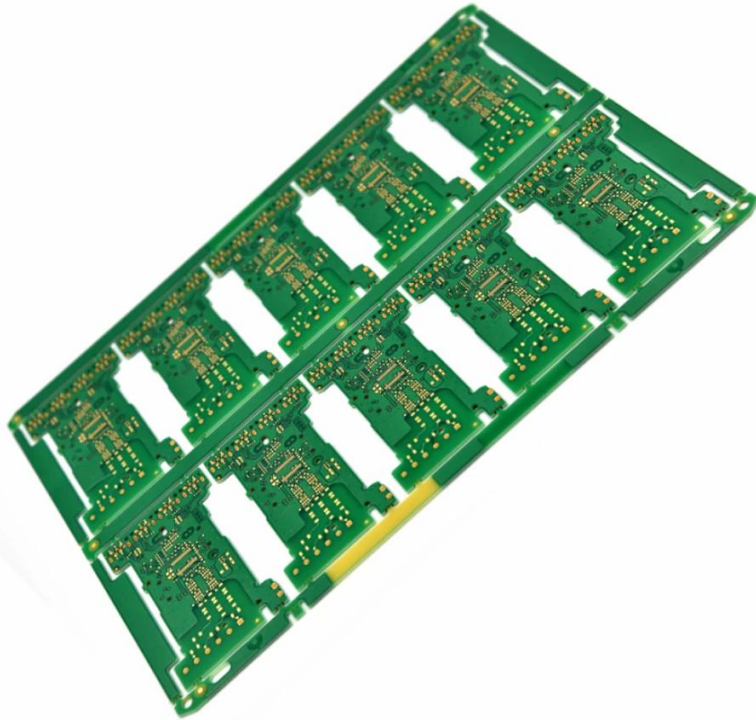
### Détails rapides

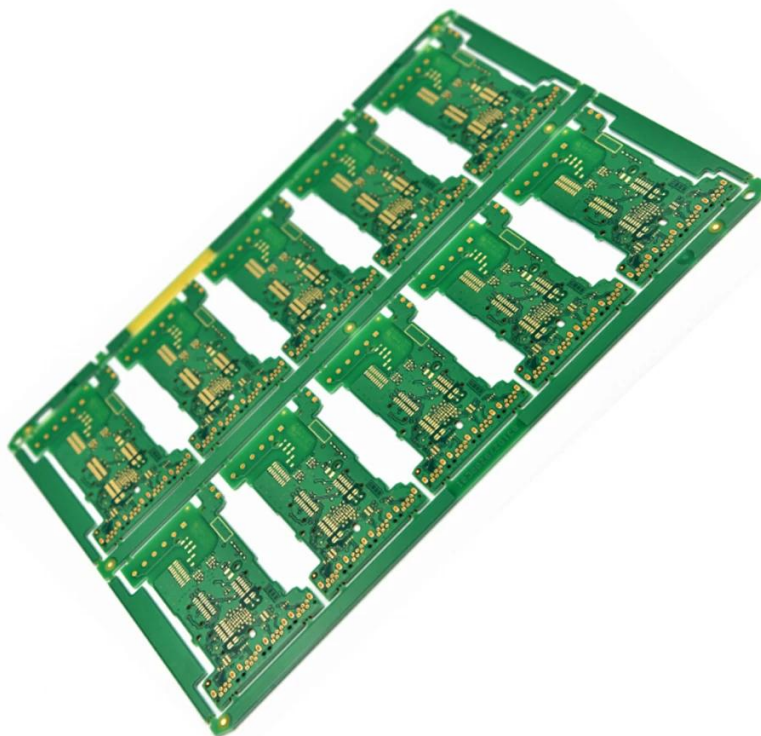
Lieu d'origine	Guang Dong, Chine (continentale)	Marque	O-leader
Numéro de modèle	Fabricant PCBA de l'Assemblée PCB Bank Power Bank	Matériel de base	FR-4 ,, Aluminium
Finition de surface	Immersion Gold, OSPR, HASL sans plomb	Épaisseur de cuivre	0.5oz-5oz
Couleur	bleu, rouge, vert, black.yellow	Min. Largeur de ligne	0.2mm
applicable à	LED, téléphone portable, climatiseurs, machines à laver	Min. Interligne	0.2mm
personnage	Contrôle industriel PCB	Épaisseur du tableau	0,1-5mm
certificats	ISO9001, UL, ROHS, SGS	Taille	0,01m3-10m3
le prix	0,1 \$ à 10 \$	Lester	0.01kg -5kg
Type desigh	exigence du client	Q / CTN	10pcs-100pcs
Moq	10pcs		

### La capacité de production

**16 ans Professional OEM PCB Board Manufacture**

Objet	2014		2015 ~ 2016		2017 ~ 2018	
	Le volume	Goûter	Le volume	Goûter	Le volume	Goûter
Compte de couche	32	42	38	44	42	48
Ligne min / espace (µm)	50/50	40/45	40/45	40/40	35/40	35/35
Trou de forage min Diamètre (mm)	0,15	0.10	0,15	0.10	0,15	0.10
Ratio d'aspect de 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
Toute interconnexion de couche	5 + 2 + 5	6 + 2 + 6	5 + 2 + 5	6 + 2 + 6	5 + 2 + 5	6 + 2 + 6
Remplissage de plaques via	OUI	-	OUI	-	OUI	-
Min. Épaisseur de base (exclure le cuivre) (µm)	50	40	40	30	40	30
Min. Diamètre de perceuse au laser (µm)	75	65	65	50	50	40
VIA sur enterré trou / empilé via	OUI	-	OUI	-	OUI	-
Matériel	FR4, Megtron, Nelco, Rogers, Cuivre lourd, etc.					
PCB de condensateur intégré	OUI	-	OUI	-	OUI	-
Processus de surface	HASL sans plomb, Enig, OSP, Silver Immersion, Tin Immersion, Or flash, placage doré, placage doré dur sélectif, Masque de soudure pelable, encre de carbone					





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

[Fabrication de la PCB en Chine, carte de circuit imprimé de carte PCB LED](#)

Notre équipe



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Factory PCB

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Automatic vacuum press machine



Drilling Machine



Pattern Plating Machine



Scrubbing Machine



Developing Machine



Routing Machine



High-speed flying probe machine



E-test Machine

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Factory SMT

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# Certifications

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 stipulated by the client. The effectiveness of this certificate shall be restricted to actual surveillance scope of CICC. The certificate shall be valid when used together with the surveillance audit records.

The initial issuance of this certification can be searched on the portal of CICC [www.cicc.com.cn](http://www.cicc.com.cn) by the code of industry [www.cicc.com.cn](http://www.cicc.com.cn).






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	第二次重审	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 heavy metals and brominated compounds with their respective limits and detection results.



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

## Capacité du processus

### Capacités de production de PCB

Compte de couche: 1Layer-32Layer

Épaisseur de cuivre finie: 1 / 3oz-12oz

Largeur de ligne min / espacement interne: 3.0mil / 3.0mil

Largeur de ligne min / espacement externe: 4.0mil / 4.0mil

Ratio de format max: 10: 1

Épaisseur du tableau: 0.2mm-5,0mm

Max panneau taille (pouces): 635 \* 1500mm

Taille du trou foré minimum: 4mil

Tolérance du trou porté: +/- 3mil

Biind / Vias enterré (types All): oui

Via remplissage (conducteur, non conducteur): oui

Matériau de base: FR-4, FR-4HIGHT TG.HALOGEN MATERIAU GRATUIT, ROGERS, BASE

D'ALUMINIUM,Polyimide,

Cuivre lourd

Finitions superficielles: HASL, OSP, ENIG, HAL-LF, LMMERSION Silver,Tin de Immersion, doigts d'or, encre de carbone

## **Capacités de production SMT**

Matériel PCB: FR-4, CEM-1, CEM-3, tableau à base d'aluminium

Max PCB Taille: 510x460mm

Min PCB Taille: 50x50mm

Épaisseur PCB: 0.5mm-4,5mm

Épaisseur du tableau: 0.5-4mm

Min Composants Taille: 0201

Composant de taille standard de la puce: 0603 et plus grand

Composant Max Hauteur: 15mm

Min Pache de plomb: 0.3mm

MIN BGA BALL PITCH: 0.4mm

Précision de placement: +/- 0.03mm