# 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 PCBs flexibles rigides Nous pouvons supporter du prototype de virage rapide à la production moyenne et de masse.

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.

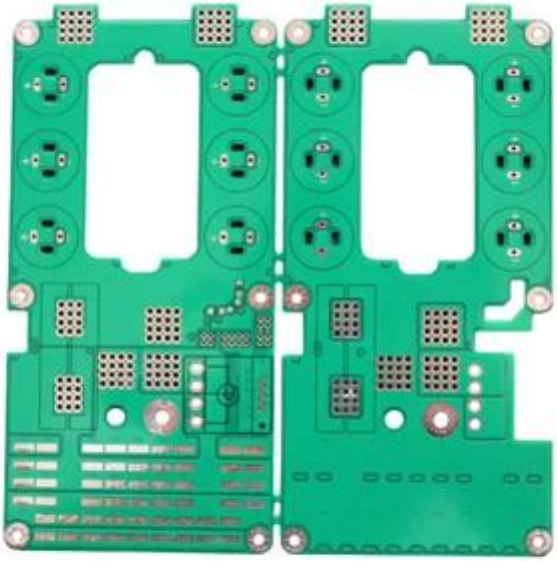
En ce qui concerne l'avenir, O-leader se concentrera sur l'innovation et le développement de la technologie de fabrication de l'électronique comme toujours et rendent les efforts persistants sur le service unique de PCB & PCBA afin de fournir des services de première classe et de créer plus de valeur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

Veuillez cliquer sur celles-ci pour plus d'informations:Fabricants de la PCB en Chine, Fournisseur de PCB double face, Panneau de circuit imprimé en Chine

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

O-LEADING

To Be Reliable, To Be Valuable



www.o-leading.com

# Notre équipe

O-LEADING
To Be Reliable, To Be Valuable

## 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

# Certifications

CICC CERTIFICATION
嘉泰认证

QUALITY MANAGEMENT SYSTEM CERTIFICATE

Certificate No: 18118Q10347R0S

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 VOEUS ROAD CENTRAL HK

Business Add: 1313, Floor 13, Fortune Building, Danshui Town, Huiyang District, Huizhou, Guangdong, China

Has implemented and maintains a **Quality Management System**

Which fulfils the requirements of the following standards

GB/T19001-2016 idt ISO9001:2015

**Scope of certification**

Sales of printed circuit boards

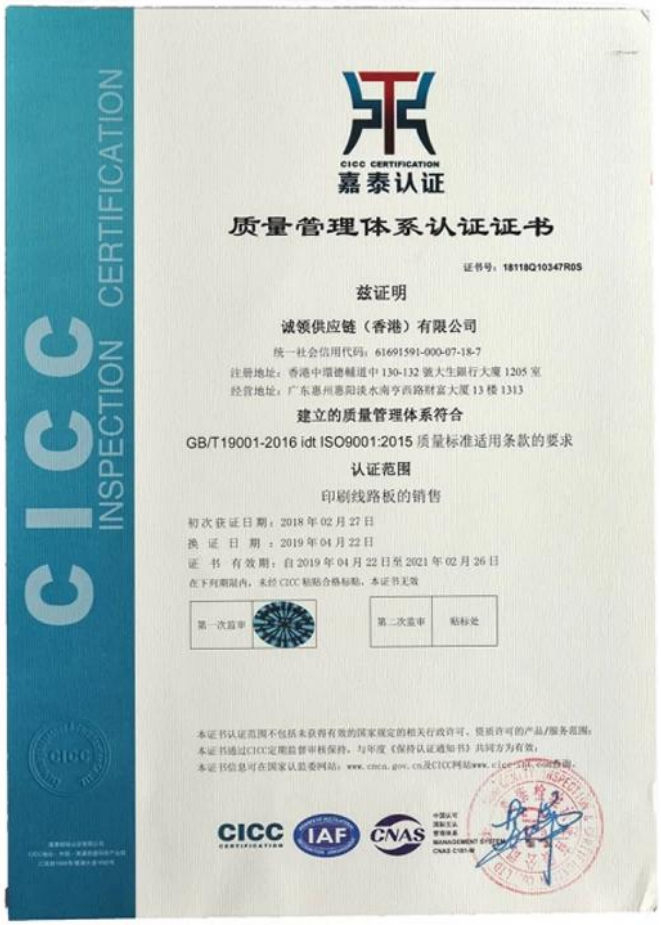
Initial Issuance period: February 27, 2018

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 |
|---|---|---|---|



CICC CERTIFICATION
嘉泰认证

质量管理体系认证证书

证书号：18118Q10347R0S

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 贴贴合格标贴，本证书无效

| 第一次监审 | | 第二次监审 | 贴标处 |
|---|---|---|---|

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 Results :

Test Part Description :

| Specimen No. | SGS Sample ID | Description |
|---|---|---|
| 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, 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 | 001 |
|---|---|---|---|---|
| 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 |
| Tribromobiphenyl | - | 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 |
| Tribromodiphenyl ether | - | mg/kg | 5 | ND |
| Tetrabromodiphenyl ether | - | mg/kg | 5 | ND |
| Pentabromodiphenyl ether | - | mg/kg | 5 | ND |

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UL Product iQ™

# 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 Min mm(in) | Cond Width Min Edge mm(in) | Cond Thk mic(mil) | SS/ DS/ DSO | Max Area Diam mm(in) | Solder Limits C | Solder Limits sec | Max Oper Temp C | Flame Class | Meets UL796 DSR | CTI |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **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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# Emballage et livraison

DHL WORLDWIDE EXPRESS TNT FedEx Express ups

| 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 lmmersion, 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