# Bienvenido a O-Leading

O-Leading se esfuerza por ser su socio de solución integral en la cadena de suministro de EMS, incluido el diseño de PCB, la fabricación de PCB y el ensamblaje de PCB (PCBA). Proporcionamos algunas de las tecnologías de PCB más avanzadas, incluyendo PCB de HDI, PCB de múltiples capas, PCB rígido-flexibles Podemos apoyar desde el prototipo de giro rápido hasta la producción media y en masa. (Los fabricantes de PCB más baratos de china)

En general, nuestros clientes globales están muy impresionados con nuestros servicios: respuesta rápida, precio competitivo y compromiso de calidad. Brindar un servicio técnico más valioso y una solución general es la forma en que O-lidera.

Mirando hacia el futuro, O-Leading se concentrará en la innovación y el desarrollo de la tecnología de fabricación de productos electrónicos como siempre, y realizará esfuerzos persistentes en el servicio integral de PCB y PCBA para proporcionar servicios de primera clase y crear más valor para nuestros clientes.

Somos fabricantes profesionales de PCB con más de diez años de experiencia. Gama de productos: PCB de una capa, de doble cara y de múltiples capas, PCB flexible y MCPCB. Podemos proporcionar un servicio prototipo rápido: S / S en 24 horas, 4-8 capas en 48-96 horas de trabajo.

AGUJEROS DE PLACA DE COBRE MÍNIMO .025 AVG, .020 MIN .. LOS AGUJEROS NO PUEDEN SER ENCHUFADOS, Fabricante de pcb de alta calidad

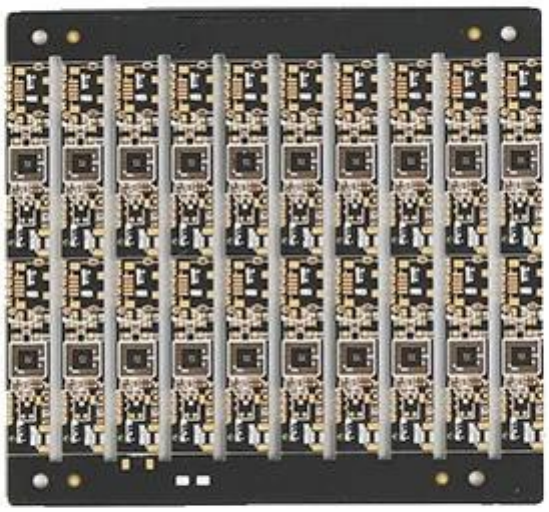
Paquete con película de burbujas transparente incolora, 25 PCS / bolsa, coloque el desecante en el costado, coloque la tarjeta indicadora de humedad en el lado superior

# Descripción del producto

| | |
|---|---|
| PCB P / N | Máscara de soldadura negra para pcb con orificio medio plateado |
| Recuento de capas | 4L |
| Material | FR-4 TG170 |
| Junta THK | 1.6mm |
| cobre thk | 1/ 1/1 / 1oz |
| Tamaño de agujero más pequeño | 0.3MM |
| norteo. de agujeros (pcs) | 98 |
| lyoNoticias | 5 / 5mil |
| Control de impedancia. S / N (Tol%) | norte |
| Sacabado de la superficie | minorteIG Au: 0.05-0.10UM |
| Serigrafía de máscara de soldadura | Blanco negro |
| Tamaño de placa individual | Dim X (mm): 21; Dim Y (mm): 12 |
| Panelización | Dim X (mm): 90; Dim Y (mm): 68; No de UPS: 16 |
| Especial: máscara despegable | norte |
| Enrutamiento / Punzonado | CNC |

O-LEADING

To Be Reliable, To Be Valuable



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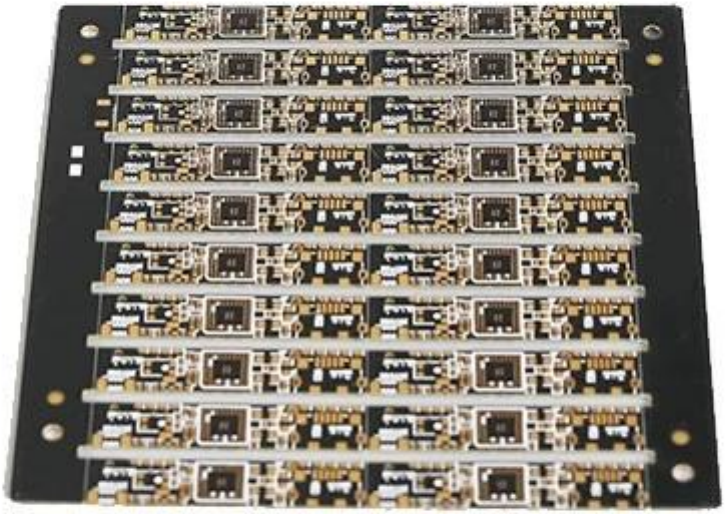


- HDI PCB fabricante china

## Nuestro equipo

O-LEADING

## 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

# Certificaciones

CICC CERTIFICATION
INSPECTION CERTIFICATION

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

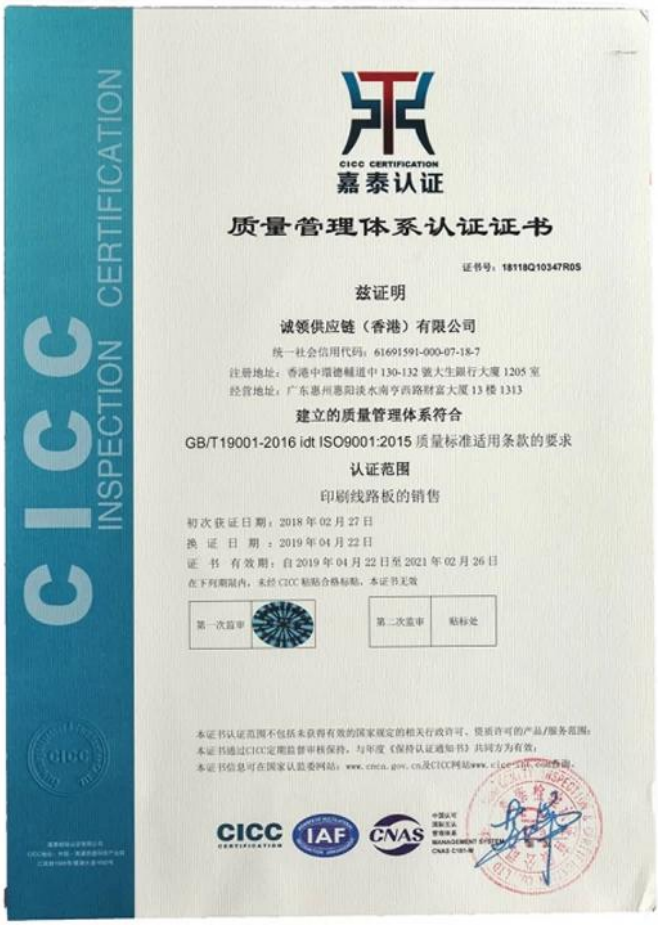
Renewal date: April 22, 2019

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 IAF CNAS



CICC CERTIFICATION
INSPECTION CERTIFICATION

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

在下列期间内，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 |
|---|---|---|---|

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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-[illegible].com查询。

CICC IAF CNAS

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 Fan
Approved Signatory

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Shenzhen Branch
SGS Bldg, No.2, Jingshan Industrial Park, No.498, Jihua Road, Bantian, Longgang District, Shenzhen, China 518129 t (86-755) 25328888 f (86-755) 83106190 www.sgsgroup.com.cn
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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**
ROOM 1205, 12/F
TAI SANG BANK BLDG
130-132 DES VOEUS ROAD
CENTRAL, HONG KONG

E490354

| Type | Cond Width Min mm(in) | Min Edge mm(in) | Cond Thk mic(mil) | SS/ DS/ DSO | Max Area Diam mm(in) | Solder Limits C | 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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# Empaquetado y entrega

| 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 |

# Capacidad de procesamiento

## Capacidades de producción de PCB

Recuento de capas: 1 capa-32 capas
Espesor de cobre acabado: 1/3 oz-12 oz
Ancho mínimo de línea / espaciado interno: 3.0mil / 3.0mil
Ancho mínimo de línea / espaciado externo: 4.0mil / 4.0mil
Relación de aspecto máxima: 10: 1
Grosor del tablero: 0.2mm-5.0mm
Tamaño máximo del panel (pulgadas): 635 * 1500 mm
Tamaño mínimo del orificio perforado: 4mil
Tolerancia de agujero revestido: +/- 3mil
Blind / Vias enterradas (tipos AII): SÍ
Vía relleno (conductivo, no conductivo): SÍ
Material base: FR-4, material libre de halógenos de alta Tg. FR-4, Rogers, base de aluminio,Poliimida, Cobre pesado
Acabados superficiales: HASL, OSP, ENIG, HAL-LF, plata de inmersión,Inmersión de estaño, dedos dorados, tinta de carbono

## Capacidades de producción SMT

Material de PCB: FR-4, CEM-1, CEM-3, placa a base de aluminio
Tamaño máximo de PCB: 510x460 mm
Tamaño mínimo de PCB: 50x50mm
Grosor de PCB: 0.5mm-4.5mm
Grosor del tablero: 0.5-4 mm
Tamaño mínimo de componentes: 0201
Componente de tamaño de chip estándar: 0603 y más grande
Altura máxima del componente: 15 mm
Paso de plomo mínimo: 0.3 mm
Paso mínimo de bola BGA: 0.4 mm
Precisión de colocación: +/- 0.03 mm