

# Bienvenido a O-Leading

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. [Proveedor de estaño de inmersión china](#)

AGUJEROS DE PLACA DE COBRE MÍNIMO .025 AVG, .020 MIN .. LOS AGUJEROS NO PUEDEN SER ENCHUFADOS

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 [Fabricante del módulo de potencia del motor china](#)

## Descripción del producto

PCB P / N	FLUX LIGHT_500_RGBW
Recuento de capas	2L
Material	Base Aluminun + FR-4 TG150
Junta THK	1.6mm
cobre thk	1 / 1oz
Tamaño de agujero más pequeño	Los 0.50MM
No. de agujeros (pcs)	597
línea w / s	22 / 13mil
Control de impedancia. S / N (Tol%)	norte
Acabado de superficie: chapado en oro duro, Au	HASL-LF Sn: 1-40um.
Serigrafía de máscara de soldadura	Blanco negro
Tamaño de placa individual	Dim X (mm): 343.40; Dim Y (mm): 312.46
Panelización	Dim X (mm): 343.40; Dim Y (mm): 312.46; No de UPS: 1
Especial: máscara despegable	norte
Enrutamiento / Punzonado	CNC

[Proveedor de TABLERO DEDOS DE ORO](#)





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

## Preguntas más frecuentes

### 1. ¿Cómo O-Leading garantiza la calidad?

Nuestro alto estándar de calidad se logra con lo siguiente.

1. El proceso está estrictamente controlado bajo las normas ISO 9001: 2008.
2. Uso extenso de software en la gestión del proceso de producción.
3. Equipos y herramientas de prueba de última generación. P.ej. Sonda de vuelo, inspección de rayos X, AOI (Inspector óptico automatizado) y ICT (prueba en circuito).
4. Equipo de aseguramiento de calidad dedicado con proceso de análisis de casos de fallas
5. Capacitación y educación continua del personal

### 2. ¿Cómo O-Leading mantiene su precio competitivo?

Durante la última década, los precios de muchas materias primas (por ejemplo, cobre, productos químicos) se duplicaron, triplicaron o cuadruplicaron; La moneda china RMB se había apreciado un 31% sobre el dólar estadounidense; Y nuestro costo laboral también aumentó significativamente. Sin embargo, O-Leading ha mantenido nuestros precios estables. Esto se debe completamente a nuestras innovaciones para reducir costos, evitar desperdicios y mejorar la eficiencia. Nuestros precios son muy competitivos en la industria con el mismo nivel de calidad.

Creemos en una asociación de beneficio mutuo con nuestros clientes. Nuestra asociación será mutuamente beneficiosa si podemos brindarle una ventaja en costos y calidad.

3. ¿Qué tipo de tableros puede procesar O-Leading?

Tableros comunes FR4, alto TG y libres de halógenos, Rogers, Arlon, Telfon, tableros a base de aluminio / cobre, PI, etc.

4. ¿Qué datos se necesitan para la producción de PCB?

Es mejor proporcionar datos en formato Gerber 274-X. Además, Cam350, CAD, Protel 99se, PADS, DXP y Eagle también se pueden procesar.

5. ¿Cuál es el flujo de proceso típico para PCB multicapa?

Corte de material → Película seca interna → Grabado interno → AOI interno → Multi-bond → Capa apilada Presionando → Perforación → PTH → Revestimiento de panel → Película seca externa → Revestimiento de patrón → Grabado externo → AOI externo → Máscara de soldadura → Marca de componente → Acabado de superficie → Enrutamiento → E / T → Inspección visual.

## Nuestro equipo



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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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# Certificaciones

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  
 VDEUS 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 state. The effectiveness of this certificate shall be restricted to actual certification scope of CICC. The certificate shall be valid when used together with the qualified label issued by CICC.

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

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

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. 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**  
 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	
	Min	Cond	Area		Solder	Oper	Flame			
	mm(in)	Edge Thk	Diam		Limits	Temp				
<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

## 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 All): Sí

Vía relleno (conductor, no conductor): 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