

TOP QUALITY PCB

O-LEADING
To Be **Reliable**, To Be **Valuable**



MAKE YOUR IDEA COME **TRUE**

TOP QUALITY PCB

O-LEADING
To Be **Reliable**, To Be **Valuable**

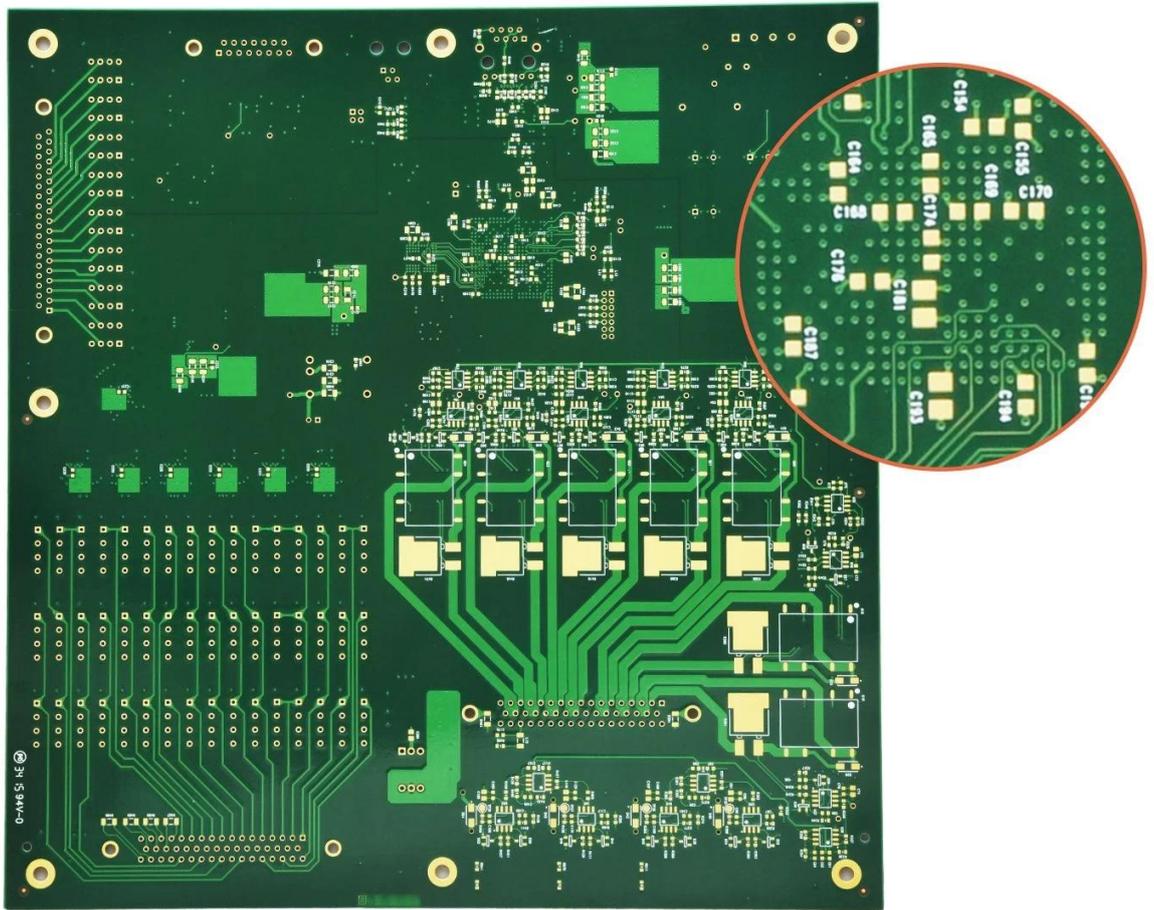


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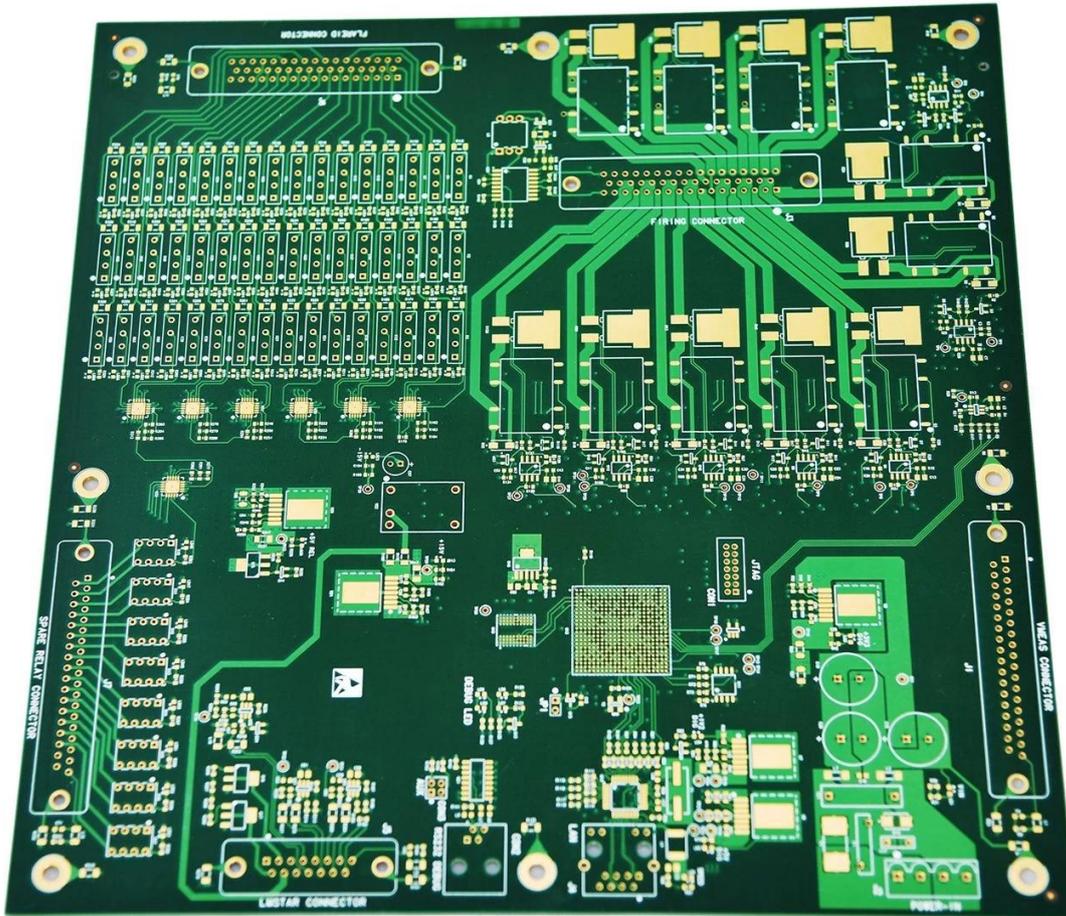
To Be Reliable, To Be Valuable



MAKE YOUR IDEA COME TRUE

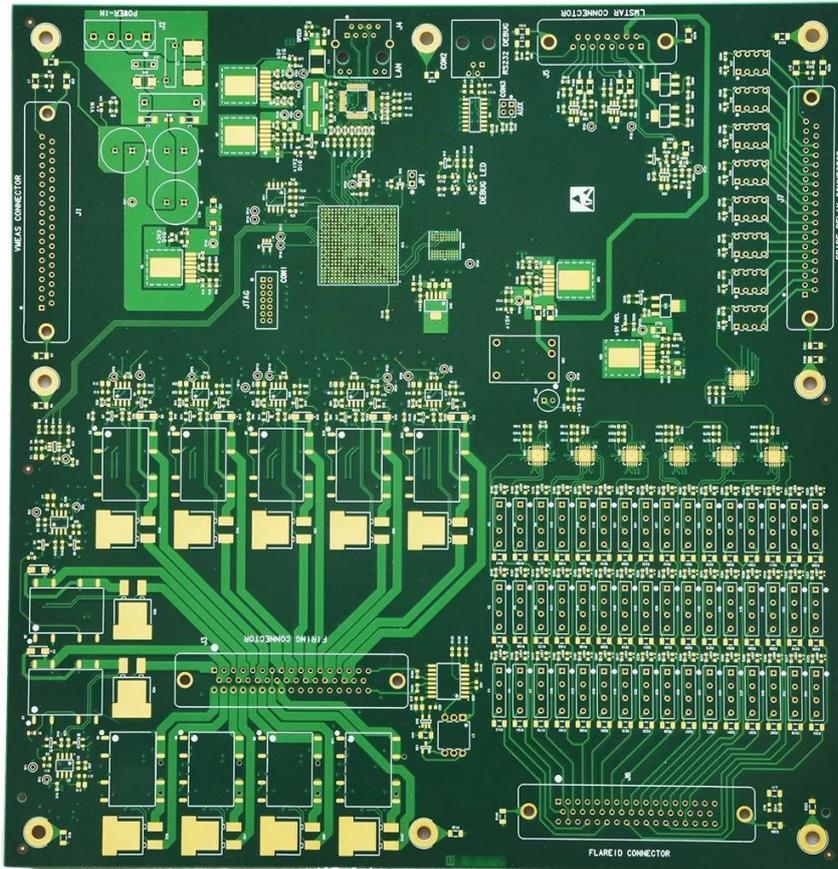
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MAKE YOUR IDEA COME **TRUE**

Market Share

 CONSUMER ELECTRONICS

 AUTOMOTIVE ELECTRONICS

 INDUSTRIAL CONTROL

 INTELLECTUALIZED HOUSEHOLD CONTROL

 OTHER

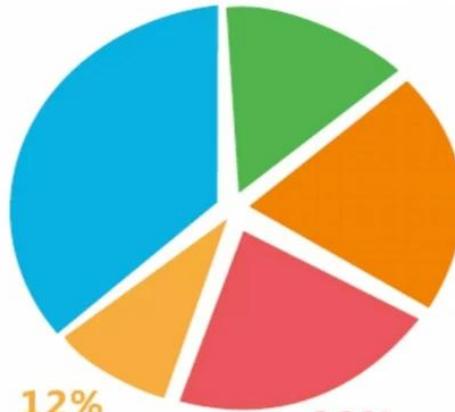


30%
CONSUMER ELECTRONICS



18%
INTELLECTUALIZED HOUSEHOLD CONTROL

20%
AUTOMOTIVE ELECTRONICS



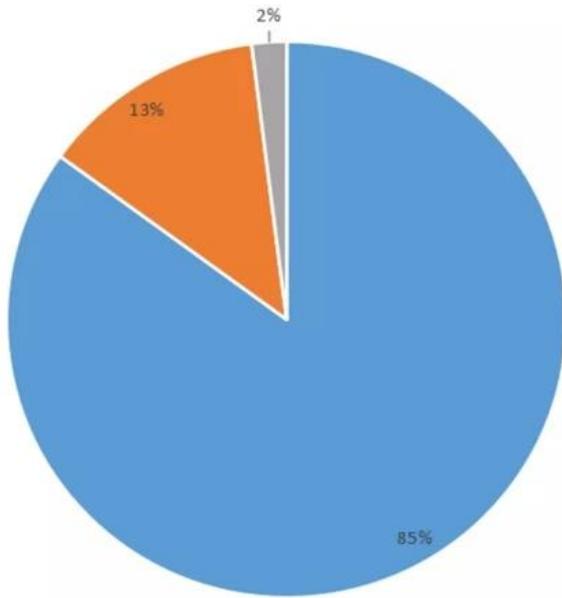
12%
OTHER



20%
INDUSTRIAL CONTROL



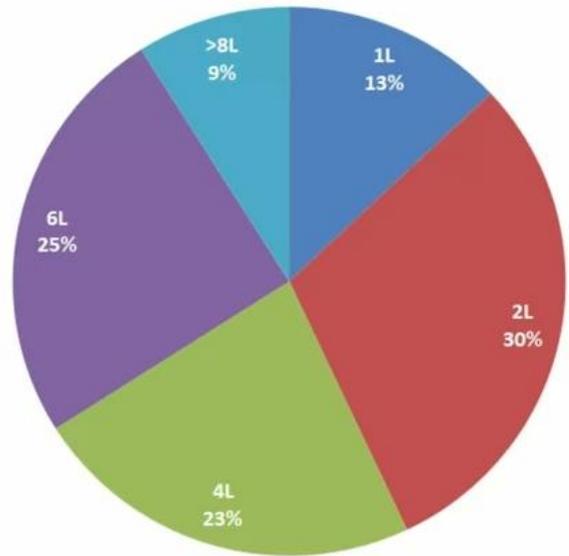
Product types



■ FR-4 PCB ■ MC PCB ■ rigid-flexible PCB

Product layers

■ 1L ■ 2L ■ 4L ■ 6L ■ >8L



Production Process

18 years experience in one-stop PCB and PCBA, we can make your idea come true,





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



O-LEADING CUSTOMER

To be **RELIABLE**

- Q**uality first ,
- C**ustomer supreme ,
- S**cientifically management ,
- S**triving for famous brand



THE CUSTOMER IS KING



To be **VALUABLE**

- S**cience and technology keeps head ,
- P**ut people first ,
- B**e precise and practical ,
- C**ontribute sincerely

Skyworth 创维

HET 和而泰
HET INTELLIGENT CONTROL

dongweikeji
东威科技

美的 Midea

STAR-NET
星网锐捷

FORYOU
ADAYO 华阳集团

EDIFIER[®]

Cultraview 金锐显

3nod 三诺

T&W

TCL

AcBel 康舒科技
ACBEL POLYTECH INC.

Honeywell

Schneider
Electric

ZTE 中兴

EMERSON

BYD

PHILIPS

TE
connectivity

VIDEOTON

O-LEADING **CUSTOMER REVIEW**

CUSTOMER VOICE IS **EXTREMELY IMPORTANT TO US**

订单编号: 49335463501024670

供应商服务: 非常满意 (5 stars) 按时发货: 非常满意 (5 stars)



High quality usb power pcb , pcba manufacturer

★★★★★

Fancy has done an excellent job, whenever we write, she answered us within 1 second, O-leading is very perfect with fast delivery, fast logistics, the most important thing is good quality, good packaging, thank you!

[回复该评论](#)



oem customized rohs pcb drawing schematic s...

★★★★★

We received the boards, the quality is very good, the price is very reasonable, Fancy is very nice & smart & experienced, the logistics is super fast, I will come to see more in the future.

[回复该评论](#)

订单编号: 49298271001024670

供应商服务: 非常满意 (5 stars) 按时发货: 非常满意 (5 stars)



High TG180 FR-4 Circuit HDI PCB 94V0 Board ...

★★★★★

perfect product, perfect PCB supplier!

[回复该评论](#)



oem customized rohs pcb drawing schematic s...

★★★★★

Very good and professional PCB product as usual!

[回复该评论](#)



Strip LED Aluminum FR-4 lighting PCB board 9...

★★★★★

High quality, fast delivery, good service, competitive price, lucky and happy to purchase from O-leading!

[回复该评论](#)

订单编号: 49024962001024670

United States

供应商服务: 非常满意 (5 stars) 按时发货: 非常满意 (5 stars)



High quality Keyboard pcb & pcba Factory SMT...

★★★★★

Top quality, it's the right choice to choose O-leading to make the PCB & PCBA

[回复该评论](#)

订单编号: 4093862201024670

供应商服务: 非常满意 (5 stars) 按时发货: 非常满意 (5 stars)



Professional Printed Circuit Board Manufact...

★★★★★

Very high quality PCB products, O-leading is the best PCB supplier that we have ever worked with.

订单编号: 44068794501024670

供应商服务: 非常满意 (5 stars) 按时发货: 非常满意 (5 stars)



High TG180 FR-4 Circuit HDI PCB 94V0 Board ...

★★★★★

We bought two batches, one by DHL, the other one by air, good quality and fast delivery!

LISTEN TO **CUSTOMER VOICE**

订单编号: 40903347501024670

供应商服务: 非常满意 (5 stars) 按时发货: 非常满意 (5 stars)



Strip LED Aluminum FR-4 lighting PCB board 9...

★★★★★

Very fast delivery! Fantastic, good job!!!



Professional Printed Circuit Board Manufact...

★★★★★

Very happy to great support from O-leading, they are not only professional on the PCB, but also provide good PCB products, very good supplier!



hot sale rigid-flexible PCB with 0.2mm BGA an...

★★★★★

very professional supplier



High Quality custom FPCB/Flex PCB/FPC/Flexi...

★★★★★

Good product



OEM ODM PCBA Bluetooth Wireless Marking G...

★★★★★

high soldering quality



Electronic parts haptic pcba Circuit Board asse...

★★★★★

Very Good product

订单编号: 37378603001024670

供应商服务: 非常满意 (5 stars) 按时发货: 非常满意 (5 stars)



Raspberry pi 0 Zero Raspberry Pi Zero P1 W ver...

★★★★★

Fantastic products!!





double layer pcb with red S/M and LF-HASL su...

★★★★★

Good!

订单编号: 36919647001024670

供应商服务: 非常满意 (5 stars) 按时发货: 非常满意 (5 stars)



AML-S802 Quad-core Android embedded boar...

★★★★★

Good products



Fast delivery low cost pcb fabrication O-leadi...

★★★★★

Good supplier



Lidar IR Sensor board pcba(H08R6x)

★★★★★

perfect product



Customized PCBA design PCB design

★★★★★

perfect



Audio Speaker and Headphone Jack (H07R3x)

★★★★★

High quality, good



half hole pcb, half hole pcb module, half hole m...

★★★★★

Top half hole pcb supplier, very perfect goods



High Quality custom FPCB/Flex PCB/FPC/Flexi...

★★★★★

this rigid-flexible pcb quality is perfect!



Electronic parts haptic pcba Circuit Board asse...

★★★★★

Very satisfied with O-leading products and quality, especially their on-time delivery, fantastic!

Be **kind** to your client,
because he has many choices,
but he chooses you instead.



C I C C 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
VOEUS BOAD 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
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The certification implementation scope doesn't include those production stages which shall be certified by the relevant effective administrative provisions and qualification provisions regulated by the state. The effectiveness of this certificate shall be notified by annual surveillance audit of CICC. The certificate shall be valid also only together with the surveillance audit certificate. The initial information of this certificate can be searched at the portal of CICC: www.cicc.com.cn. For the sake of clarity see also page 10.






C I C C 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

初次发证日期: 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

第一次监审	第二次监审	贴标处
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本证书认证范围不包括未获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



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Member of the SGS Group (SGS SA)



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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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

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	Edge			Thk			Oper			
mm(in)	mm(in)	mic(mil)	Diam	Limits	Temp	DSR	I				
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.

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。

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PCB	
Layer Count	1 - 32
Weight	1 / 3oz-12oz
Min. Thickness	3.0mil / 3.0mil
Max. Thickness	4.0mil / 4.0mil
Max Aspect Ratio	10 : 1
Min. Drill	0.2mm ~ 5.0mm
Min. Drill (Micro)	635 * 1500mm
Min. Drill (Micro)	400
Plated	+/- 3mil
Blind / Buried Via (All)	
Via Fill (Micro, Micro)	
Material	FR-4, FR-4high Tg, Polyimide, Polyimide, Polyimide
Surface Finish	HASL, OSP, ENIG, HAL-LF, Immersion silver, Immersion gold, Immersion nickel

SMT

PCB Material	FR-4, CEM-1, CEM-3, Epoxy Resin
PCB Size	510x1500mm
PCB Size	50x50mm
PCB Thickness	0.5mm-4.5mm
Min. Drill	0.5-4mm
Min. Drill (Micro)	0201
Min. Drill (Micro)	0603
Min. Drill (Micro)	15mm
Min. Drill (Micro)	0.3mm
Min. BGA	0.4mm
Min. Thickness	+/- 0.03mm



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



1. 品質保證 品質保證 品質 O-Leading 品質保證 品質保證? 品質保證 品質保證 品質保證 品質保證.

- 1.1 品質保證 ISO 9001 : 2008 品質保證 品質保證 品質保證.
- 1.2 品質保證 品質保證 品質保證 品質保證 品質保證
- 1.3 品質保證 品質保證 品質保證 品質保證 : 品質保證, X-ray 品質保證, AOI (Automated Optical Inspector) 品質保證 ICT (in-circuit testing).
- 1.4 品質保證 品質保證 品質保證 品質保證 品質保證 品質保證
- 1.5. 品質保證 品質保證 品質保證 品質保證

2. O-Leading 品質保證 品質保證 品質保證?

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品質保證 O-Leading 品質保證 品質保證 品質保證. 品質保證 品質保證, 品質保證 品質保證 品質保證 品質保證 品質保證 品質保證 品質保證. 品質保證 品質保證 品質保證 品質保證 品質保證 品質保證.

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3. O-Leading 品質保證 品質保證 品質保證 品質保證?

品質保證 FR4, 品質保證 TG 品質保證 品質保證 品質保證, Rogers, Arlon, Telfon, 品質保證 / 品質保證 品質保證, PI 品質保證

4. PCB 与 PCBA 有何区别?

- 4.1 物料清单 BOM (Bill of Materials) : 物料清单, 物料清单 与 物料清单.
- 4.2 PCB Gerber 文件.
- 4.3 PCB 物料清单 与 PCBA 物料清单.
- 4.4 物料清单.
- 4.5 物料清单 与 物料清单 与 物料清单 与 物料清单.

5. PCB 与 PCBA 有何区别?

物料清单 → 物料清单 与 物料清单 → 物料清单 → AOI → 物料清单 → 物料清单 与 物料清单 → 物料清单 → PTH → 物料清单 → 物料清单 与 物料清单 → 物料清单 → 物料清单 → AOI → 物料清单 → 物料清单 → 物料清单 → 物料清单 → E / T → 物料清单.

6. HDI 有何特点?

物料清单 与 物料清单 : 物料清单 与 物料清单, VCP 物料清单, 物料清单, LDI 与 物料清单 与 物料清单 与 物料清单 与 物料清单 Mitsubishi 与 Hitachi, LDI 物料清单 Screen 物料清单. (物料清单), 物料清单 与 Hitachi 物料清单 与 物料清单 与 物料清单 与 物料清单.

7. PCB 表面处理有何区别?

O-the 物料清单 ENIG, OSP, LF-HASL, 物料清单 (物料清单 / 物料清单), 物料清单, 物料清单, 物料清单 与 物料清单, 物料清单 与 物料清单 与 物料清单 与 物料清单 与 物料清单. HDI 物料清单 与 物料清单 OSP, ENIG, OSP + ENIG, BGA PAD 物料清单 0.3mm 物料清单 与 物料清单 与 物料清单 与 物料清单 与 物料清单 与 物料清单.

8. FPC 与 O-Leading SMT 有何区别?

O-Leading 物料清单 8 物料清单 FPC 物料清单 与 物料清单, 物料清单 与 物料清单 2000mm * 240mm 物料清单. 物料清单 “Flex Capability” 物料清单 与 物料清单. 物料清单 与 物料清单 SMT 与 物料清单 与 物料清单. ([PCBA 物料清单](#))

9. PCB 有何特点?

- 物料清单;
- 物料清单;
- 物料清单;
- 物料清单 与 物料清单;
- PCB 物料清单;
- 物料清单;
- 物料清单 与 物料清单.

10. PCB, PWB 与 FPC 有何区别?

PCB 物料清单 与 物料清单.
PWB 物料清单 Printed Wire Board 物料清单 与 物料清单 与 物料清单 与 物料清单.
FPC 物料清单 Flexible Printed Board 物料清单.

11. PCB 有何特点?

PCB 物料清单 与 物料清单 与 物料清单.
物料清单 Tg 物料清单 与 物料清单 与 物料清单.
物料清单 CTE 物料清单 与 物料清单 与 物料清单.
物料清单 与 物料清单 : 物料清单 PCB 物料清单 50 与 物料清单 250 °C 物料清单 与 物料清单.
物料清单; 物料清单 与 物料清单 与 物料清单 PCB 物料清单 / 物料清单 与 物料清单 与 物料清单.
物料清单 PCB 物料清单 与 物料清单 与 物料清单 与 物料清单 与 物料清单 与 物料清单.
物料清单.

12. O-leading rigid-flex PCB 有何特点?

O-leading rigid-flex PCB 与 FPC PCB 物料清单 与 物料清单 与 物料清单 与 物料清单 与 物料清单. 物料清单 与 物料清单 与 物料清单 与 物料清单 与 物料清单 与 物料清单.

13. 物料清单 与 物料清单?

物料清单 与 物料清单 POLAR INSTRUMENTS 物料清单 与 物料清单, SI6000 物料清单 与 CITS 500s 物料清单 与 物料清单. 物料清单 与 物料清单 与 物料清单.

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