

PCB 製造 高品質 O-製造

O-Leading は、お客様のニーズに合わせた PCB 製造サービスを提供しています。EMS のような製造サービスだけでなく、PCBA の製造から HDI PCBs の製造まで、お客様のニーズに合わせた製造サービスを提供しています。また、お客様のニーズに合わせた製造サービスを提供しています。

お客様のニーズに合わせた製造サービスを提供しています。:お客様のニーズに合わせた製造サービスを提供しています。また、お客様のニーズに合わせた製造サービスを提供しています。

O-製造は、お客様のニーズに合わせた製造サービスを提供しています。また、お客様のニーズに合わせた製造サービスを提供しています。また、お客様のニーズに合わせた製造サービスを提供しています。

☐ :お客様のニーズに合わせた製造サービスを提供しています。 [Hina High TG PCB](#) (お客様のニーズに合わせた製造サービスを提供しています。)

O-LEADING
To Be Reliable, To Be Valuable
WE ALWAYS PROVIDE YOU
BEST HIGH DENSITY INTERCONNECT PCB

O-LEADING
To Be Reliable, To Be Valuable
WE ALWAYS PROVIDE YOU
BEST RIGID-FLEXIBLE CIRCUIT

お問い合わせ 03-5555-1111

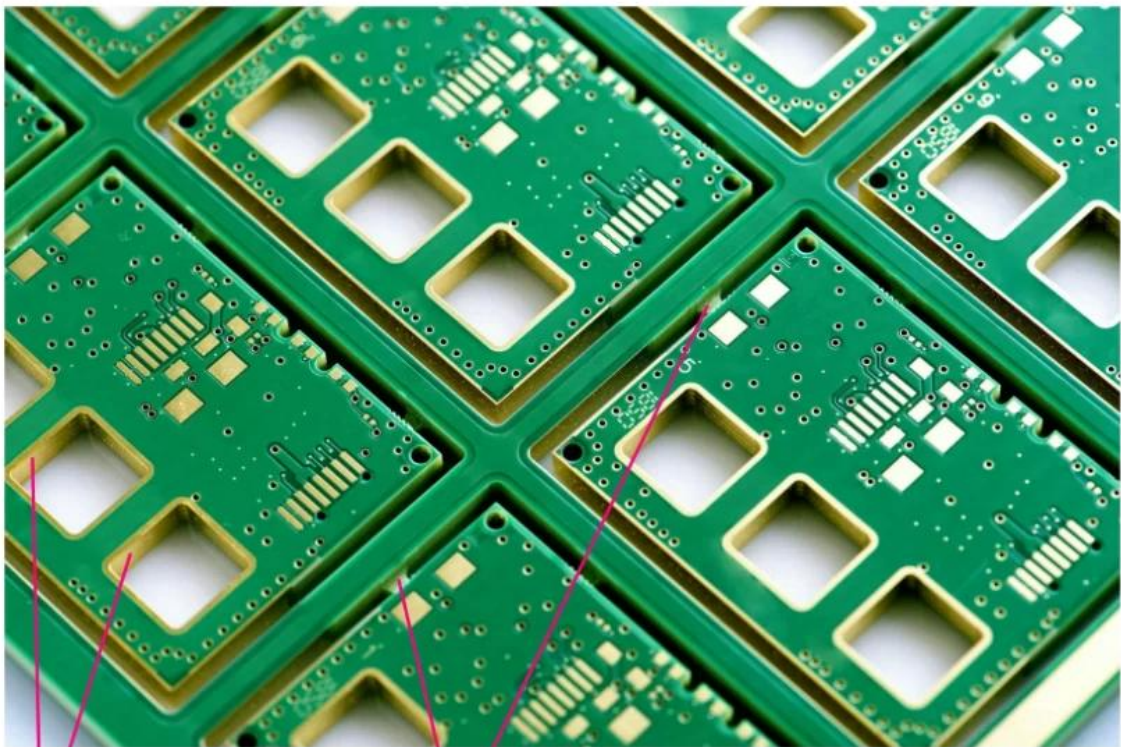
O-LEADING
To Be Reliable, To Be Valuable

QUALITY IS OUR CULTURE



O-LEADING
To Be Reliable, To Be Valuable

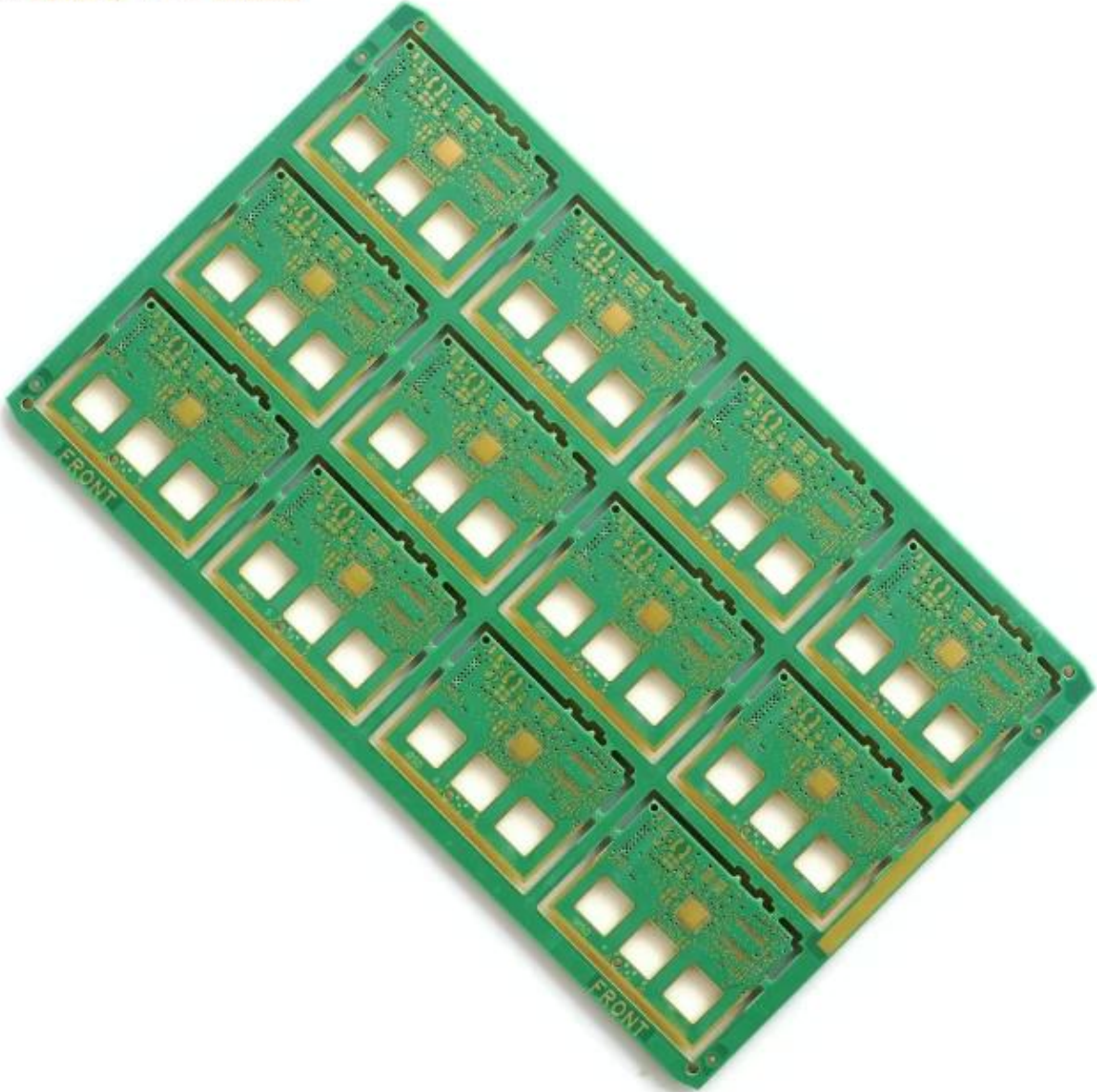
Top PCB supplier with best quality

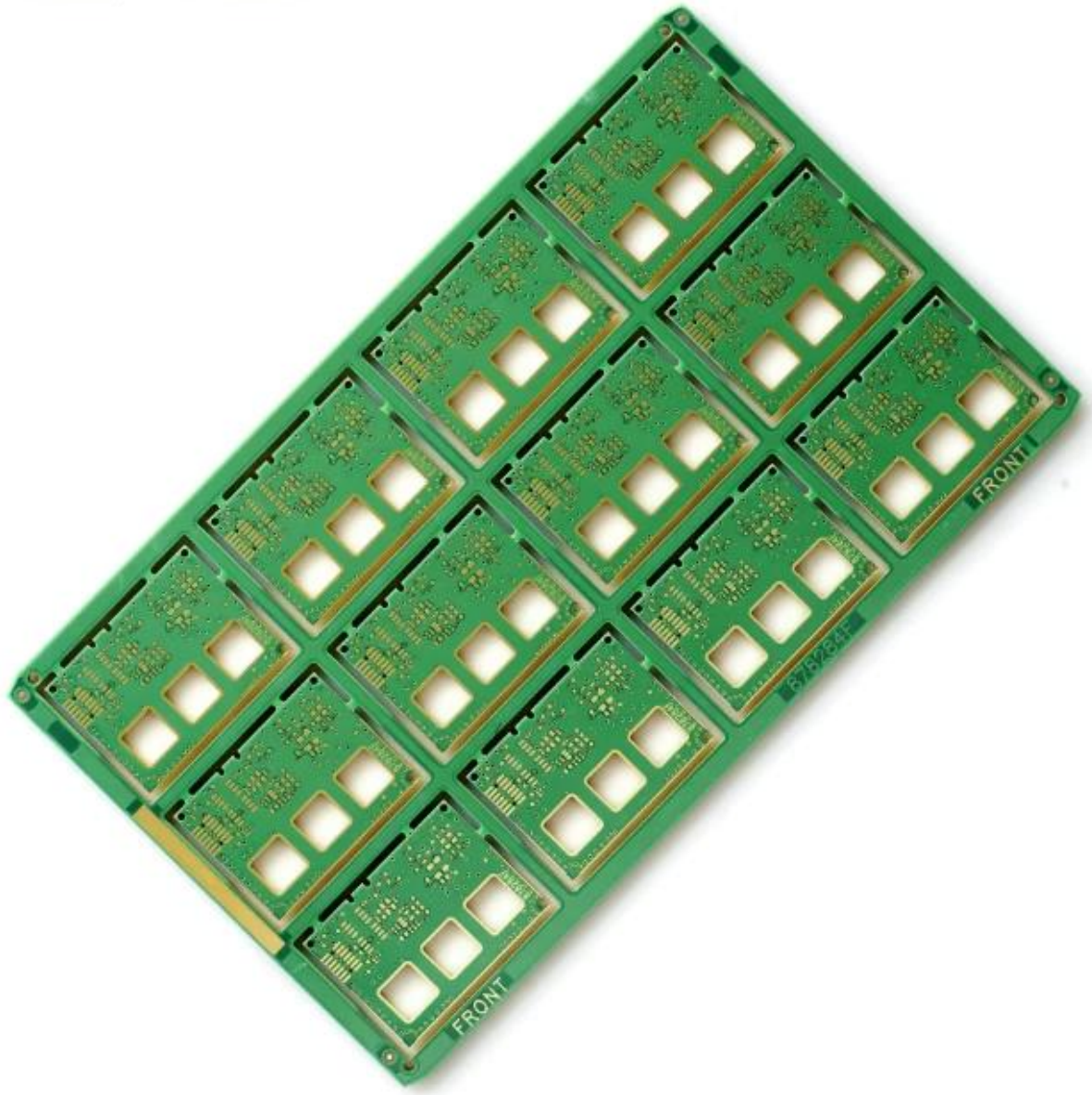


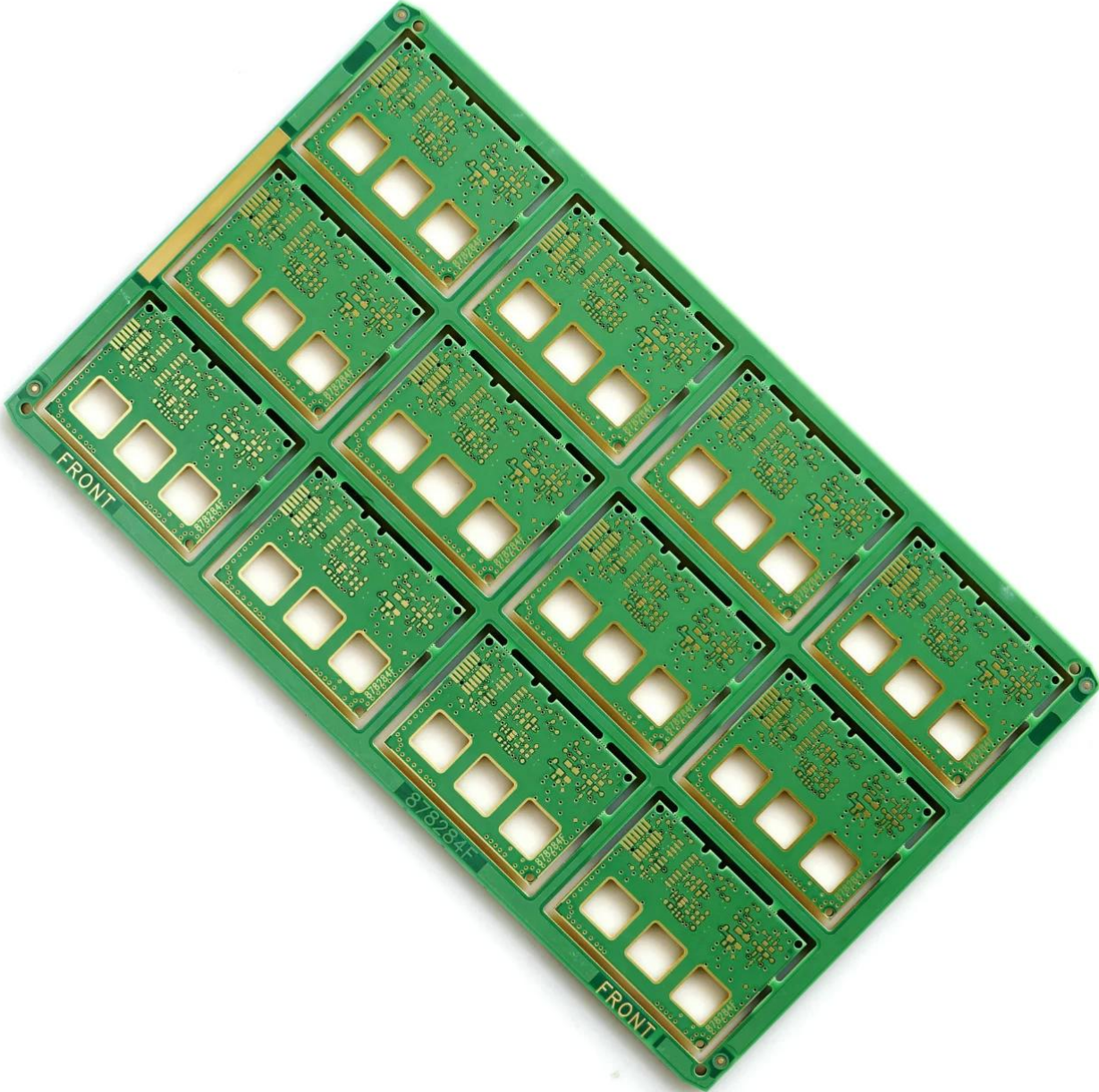
Edge Gold plate: 30u" Half Milling

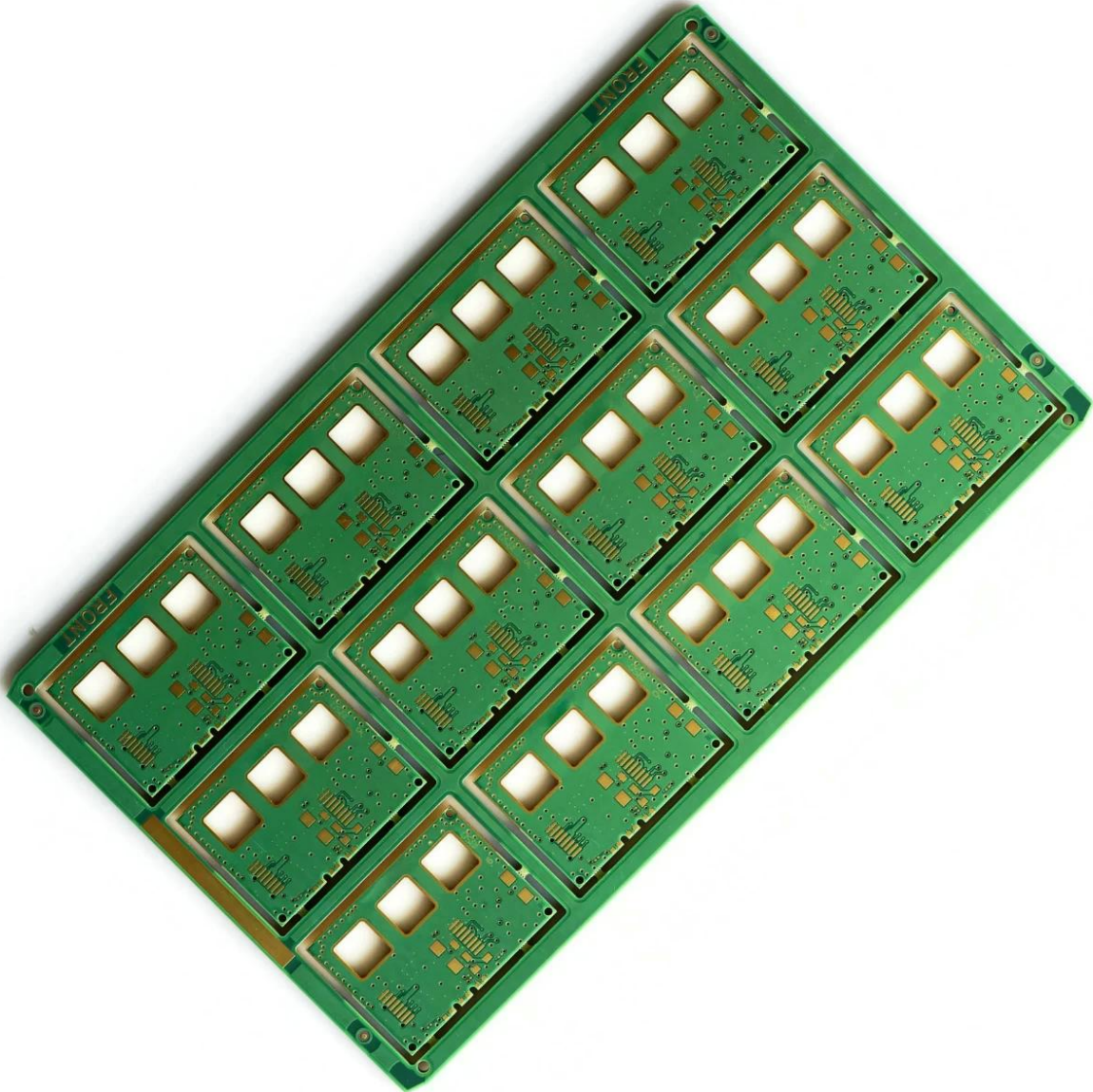
O-LEADING

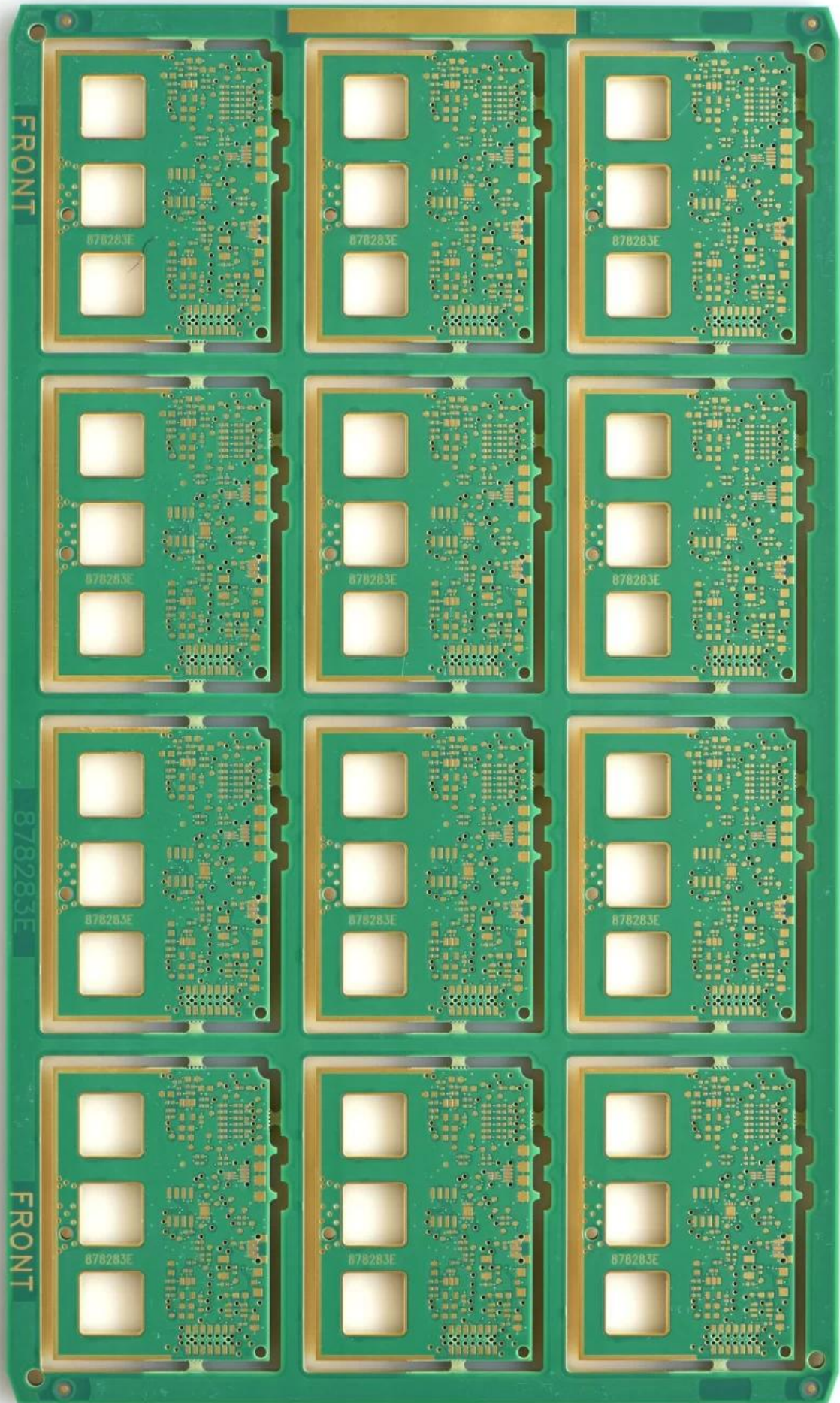
To Be **Reliable**, To Be **Valuable**











Production Process

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



CONSUMER ELECTRONICS

AUTOMOTIVE ELECTRONICS

INDUSTRIAL CONTROL

INTELLECTUALIZED HOUSEHOLD CONTROL

OTHER



30%
CONSUMER ELECTRONICS



18%
INTELLECTUALIZED HOUSEHOLD CONTROL

20%
AUTOMOTIVE ELECTRONICS

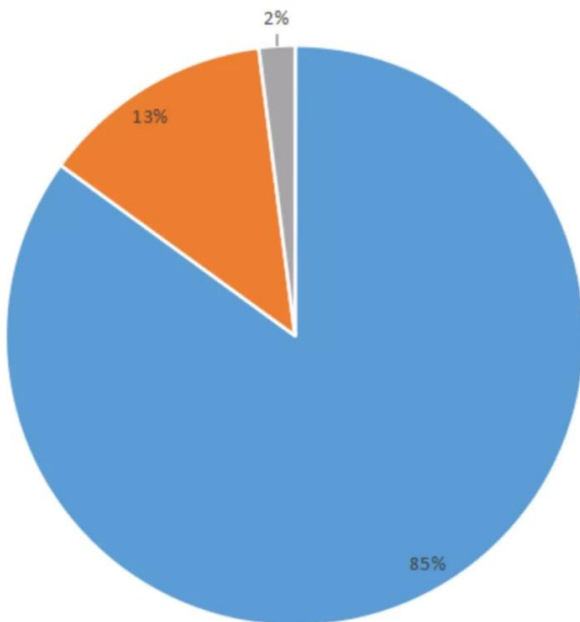


12%
OTHER

20%
INDUSTRIAL CONTROL



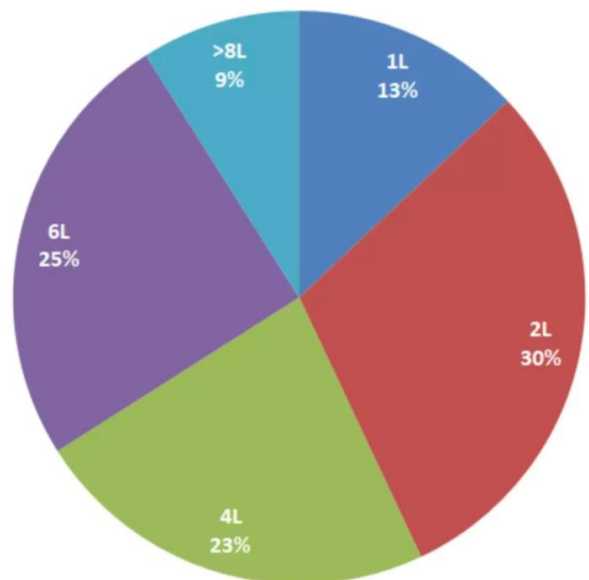
Product types



FR-4 PCB MC PCB rigid-flexible PCB

Product layers

1L 2L 4L 6L >8L



فريقنا



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



الشهادات

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

The certification implementation scope does not include those production services which shall be obtained by the relevant effective administrative provisions and qualification provisions regulated by the state. The effectiveness of this certificate shall be notified by annual surveillance audits 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.






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

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

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. : RP19-006089 - 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

Red circular seal and disclaimer text for SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch.

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 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 columns: Test Item(s), Limit, Unit, MDL, QZT. Lists various heavy metals and organics with their respective limits and detection methods.

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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 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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القدرة العملية

| | |
|---------------------------------|---|
| القدرة العملية | 1 32- 32 |
| القدرة العملية | 1 / 3oz-12oz |
| القدرة العملية / القدرة العملية | 3.0 3.0 / 3.0 |
| القدرة العملية / القدرة العملية | 4.0 4.0 / 4.0 |
| القدرة العملية | 10: 1 |
| القدرة العملية | 0.2 5.0 - 5.0 |
| القدرة العملية (القدرة العملية) | 635 * 1500 |
| القدرة العملية | 4 |
| القدرة العملية Plated | +/- 3 |
| Blind / Buried Vias (AII) | |
| القدرة العملية (القدرة العملية) | |
| القدرة العملية | FR-4 FR-4hg Tg. Rogers |
| القدرة العملية | HASL OSP ENIG HAL-LF Immersion silver Immersion |

القدرة العملية SMT

| | |
|----------------|------------------|
| القدرة العملية | FR-4 CEM-1 CEM-3 |
| القدرة العملية | 510x460 |
| القدرة العملية | 50x50 |
| القدرة العملية | 0.5 4.5 - 4.5 |
| القدرة العملية | 0.5-4 |
| القدرة العملية | 0201 |
| القدرة العملية | 0603 |
| القدرة العملية | 15 |
| القدرة العملية | 0.3 |
| القدرة العملية | 0.4 |
| القدرة العملية | +/- 0.03 |

التعبئة والتغليف والتسليم

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 |

التعليمات

1. اختبار O-Leading

.اختبار O-Leading اختبار جودة تصنيع PCB

اختبار O-Leading اختبار جودة تصنيع PCB 1.1 ISO 9001: 2008.

1.2 اختبار O-Leading اختبار جودة تصنيع PCB

اختبار O-Leading اختبار جودة تصنيع PCB 1.3 AOI (اختبار O-Leading) اختبار جودة تصنيع PCB

اختبار O-Leading اختبار جودة تصنيع PCB 1.4

اختبار O-Leading اختبار جودة تصنيع PCB 1.5

2 O-Leading اختبار

اختبار O-Leading اختبار جودة تصنيع PCB

.اختبار O-Leading اختبار جودة تصنيع PCB 31 اختبار O-Leading اختبار جودة تصنيع PCB

.اختبار O-Leading اختبار جودة تصنيع PCB

اختبار O-Leading اختبار جودة تصنيع PCB .اختبار O-Leading اختبار جودة تصنيع PCB

.اختبار O-Leading اختبار جودة تصنيع PCB .اختبار O-Leading اختبار جودة تصنيع PCB

اختبار O-Leading اختبار جودة تصنيع PCB .اختبار O-Leading اختبار جودة تصنيع PCB

.اختبار O-Leading

PCB 3 O- FR4 TG Rogers Arlon Telfon / PI .

4.1 4.2 PCB Gerber. 4.3 PCB PCBA. 4.4 4.5

5 AOI PTH AOI E / T

6 HDI VCP LDI Screen Hitachi

7 ENIG OSP LF-HASL OSP ENIG + ENIG HDI OSP + ENIG BGA PAD 0.3

8 FPC O-Leading SMT 8 2000mm * 240mm Flex Flexability SMT

9

10 PCB PWB FPC Wire Wire Board

11 PCB Tg CTE 250

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.00000000 00000000 00000000 0000 00000000 00000000 0000000000 000000000

00000000000 000000 00000 0000 **.13**

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POLAR INSTRUMENTS.

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