

Bienvenido a O-Leaders

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 ([Fabricante de China PCB Assembly PCBA](#)), Proporcionamos algunas de las tecnologías de PCB más avanzadas, incluidas PCB HDI, PCB multicapa, PCB rígido-flexible. Podemos brindar soporte desde prototipos de giro rápido hasta producción media y en masa.

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 el camino a seguir para O-liderar.

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

HAGA CLIC EN ESTOS PARA OBTENER MÁS INFORMACIÓN: [OEM PCBA que ensambla el tablero protector de la capa del PWB](#)

O-LEADING
To Be Reliable, To Be Valuable

WE ALWAYS PROVIDE YOU

BEST HIGH DENSITY INTERCONNECT PCB

WE ALWAYS PROVIDE YOU

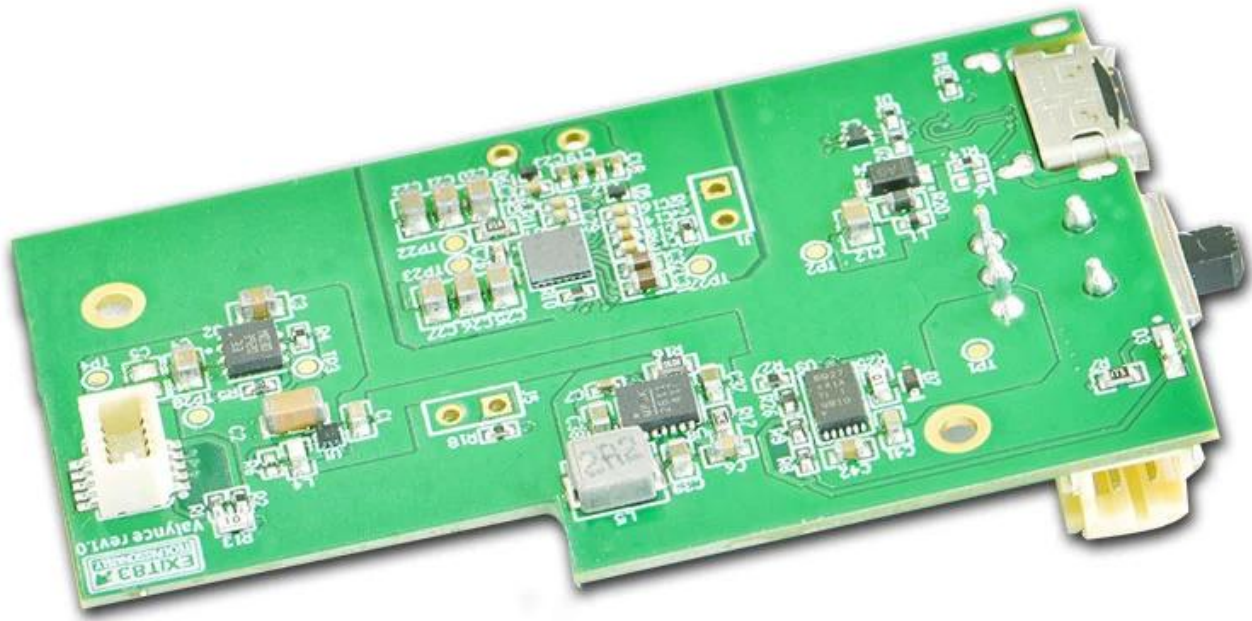
BEST RIGID-FLEXIBLE CIRCUIT

The banner features a dark blue space-themed background with a glowing blue grid pattern. In the top right, a large green high-density interconnect PCB is shown. Below it, a row of six smaller PCBs in various colors (brown, gold, green) is displayed. In the bottom right, a hand holds a green rigid-flexible circuit board. The background also includes a red planet on the left and a Jupiter-like planet on the right, with a bright star and light rays in the center.

Descripción del producto

TOP QUALITY PCBA

O-LEADING
To Be Reliable, To Be Valuable

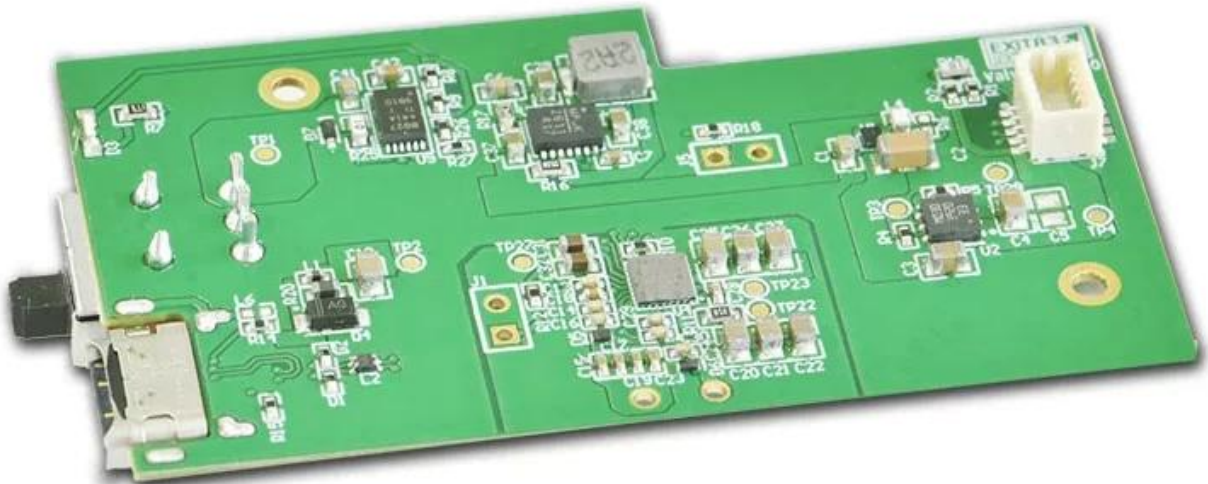


MAKE YOUR IDEA COME **TRUE**

TOP QUALITY PCBA

O-LEADING

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

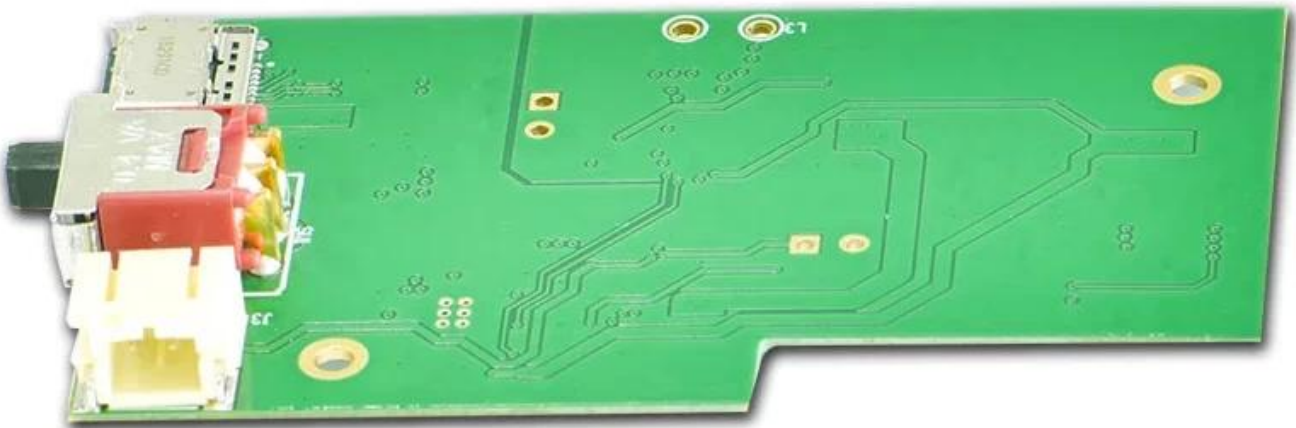


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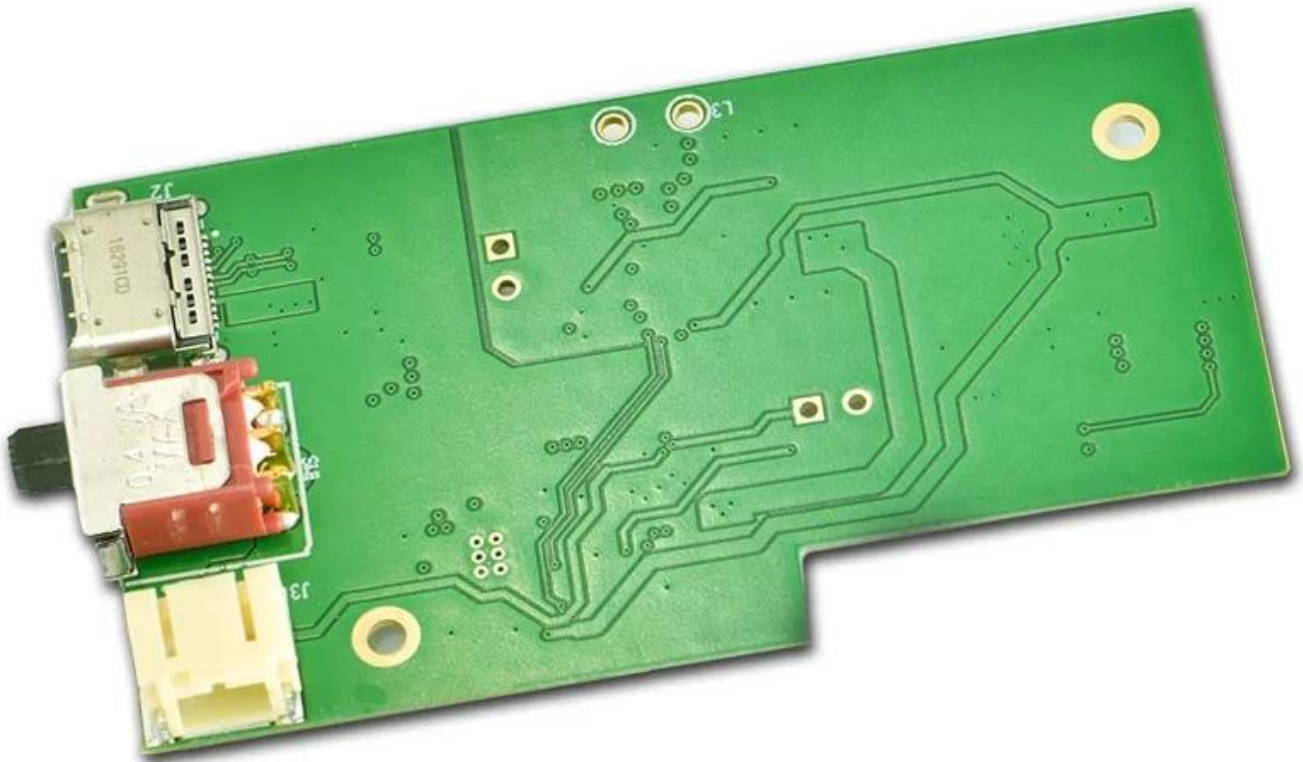
To Be **Reliable**, To Be **Valuable**



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TOP QUALITY PCBA

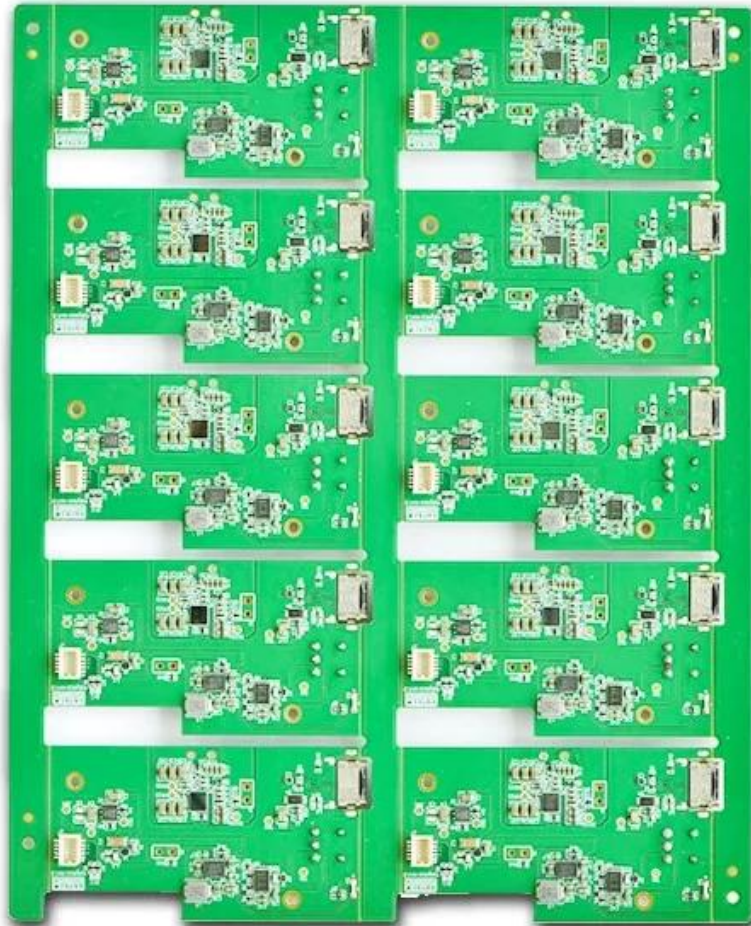
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TOP QUALITY PCBA

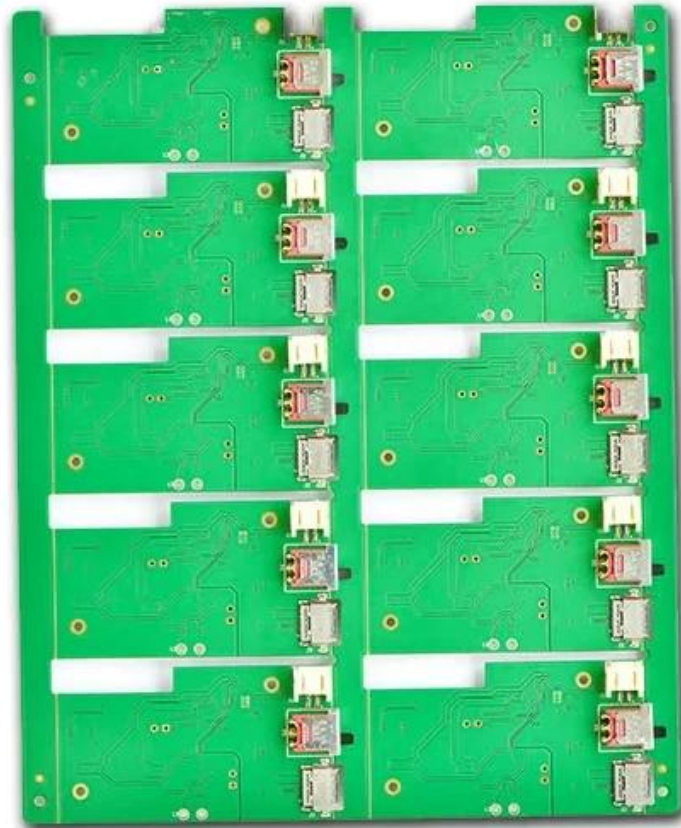
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TOP QUALITY PCBA

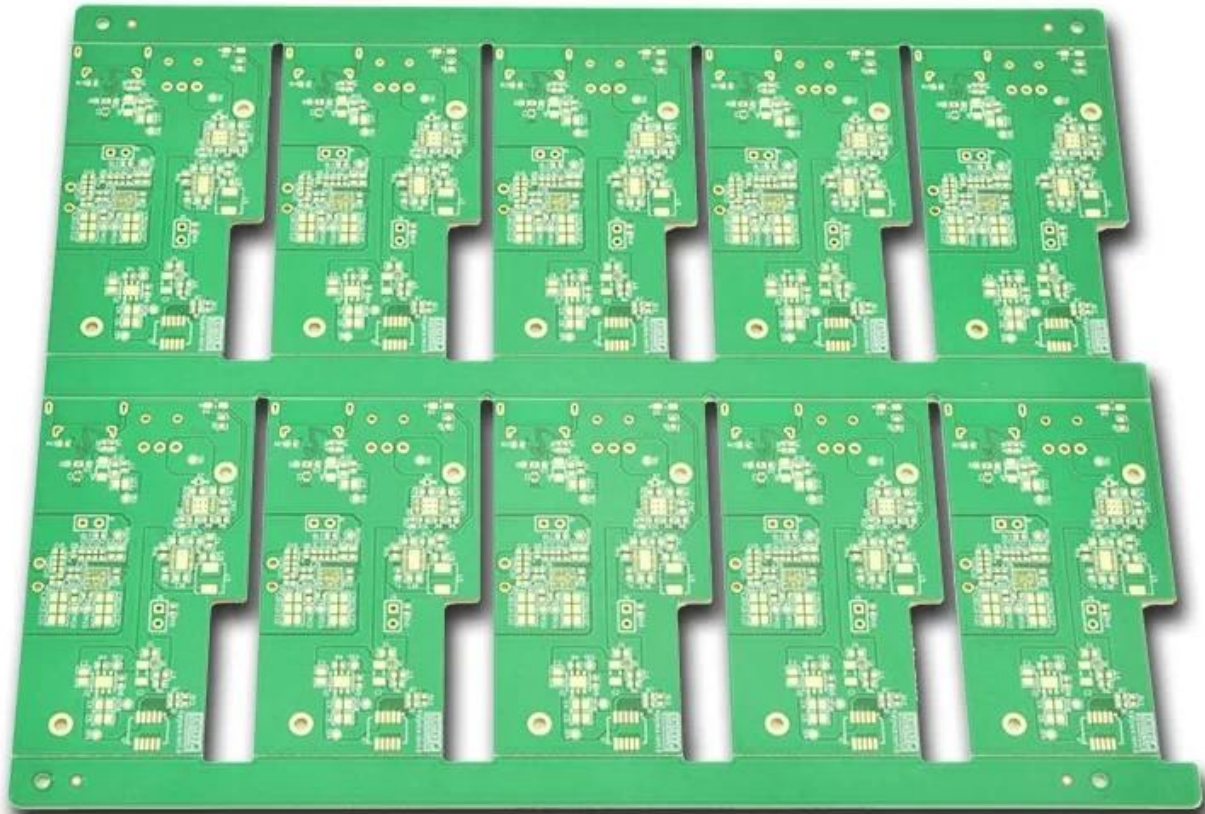
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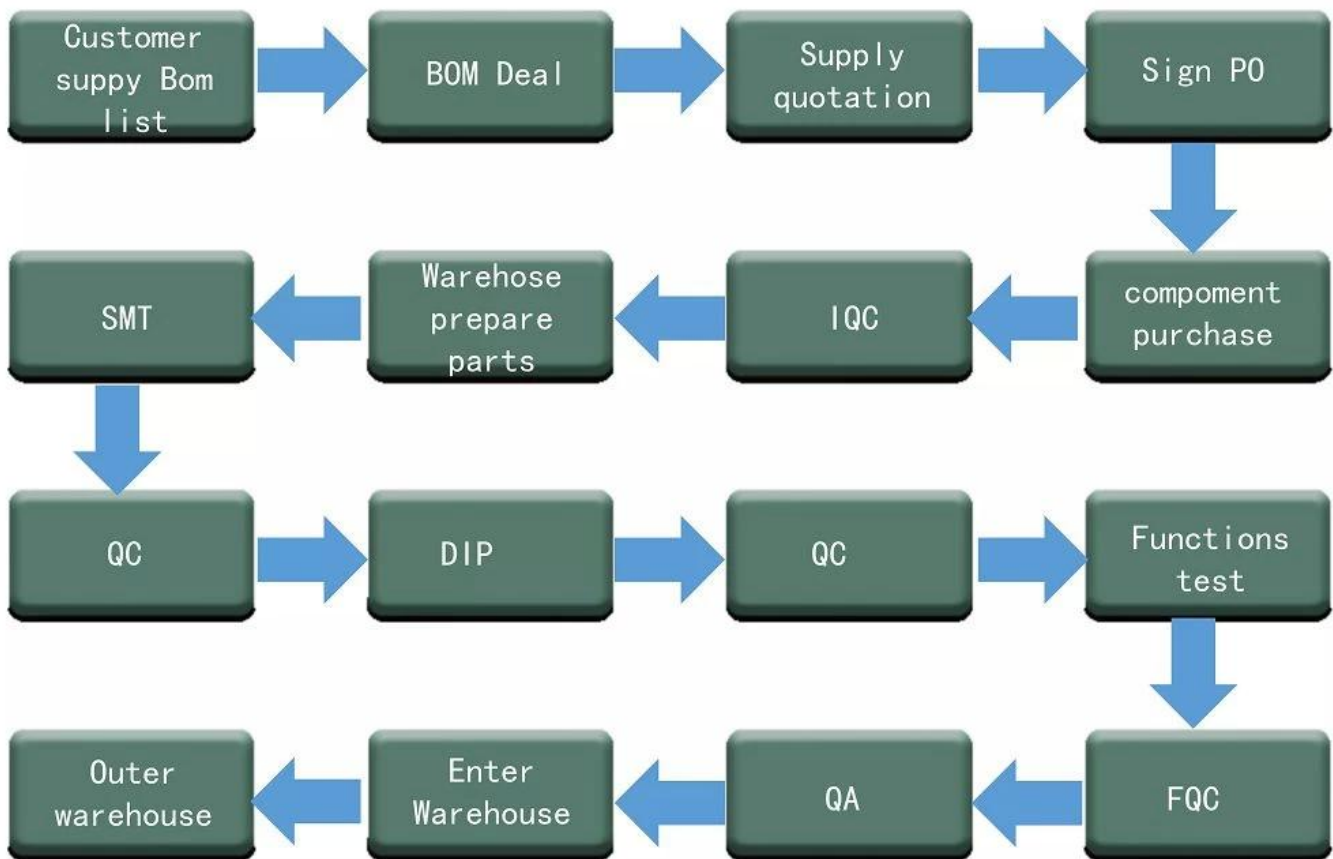
TOP QUALITY PCBA

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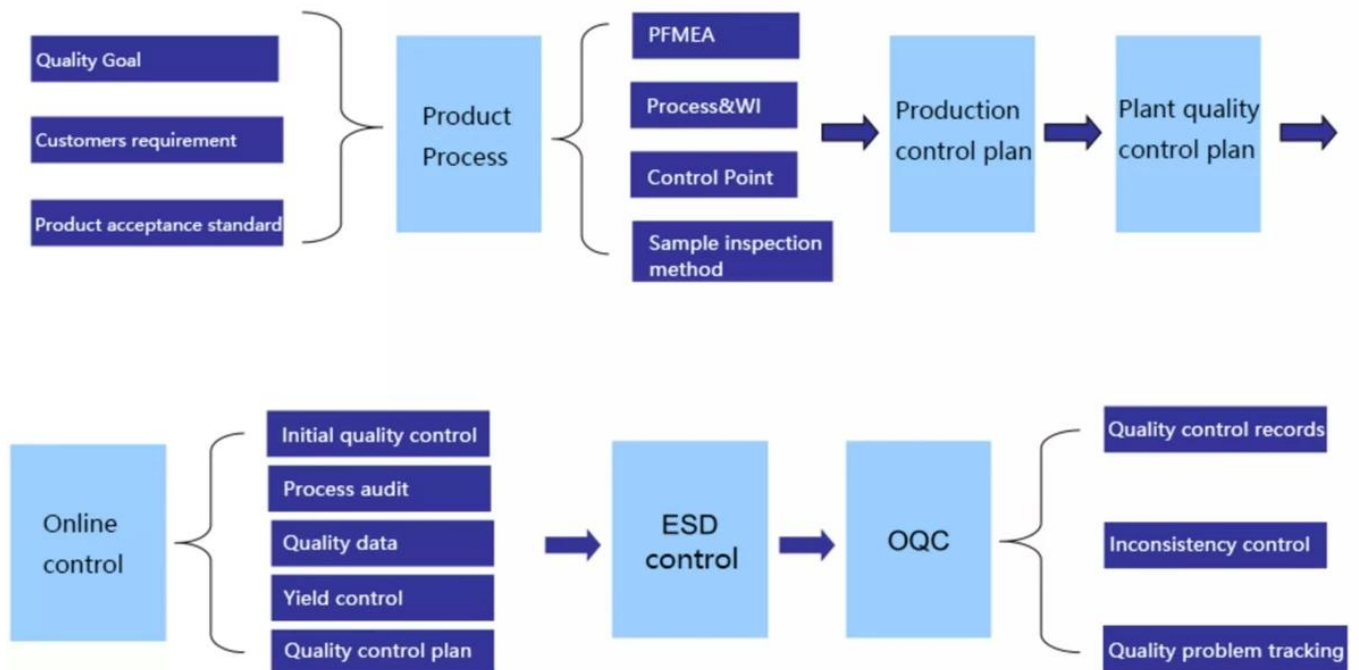


MAKE YOUR IDEA COME **TRUE**

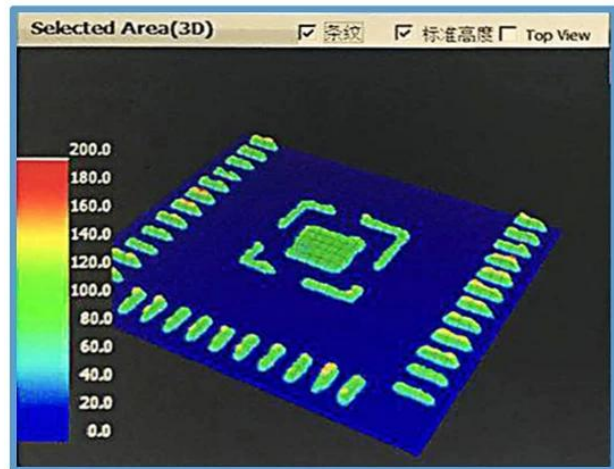
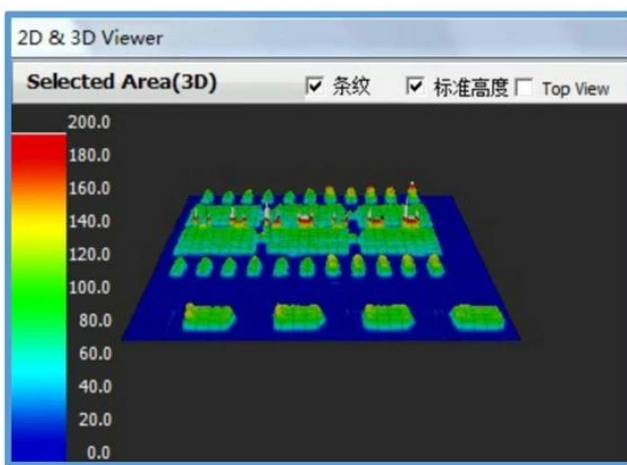
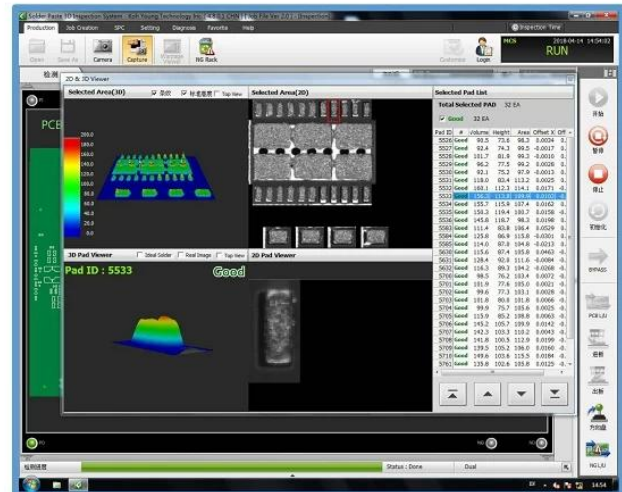
Process Flow Chart



Quality Control Process



KOHOYOUNG solder pasteig check SPI Figure 3 d imaging



Nuestro equipo

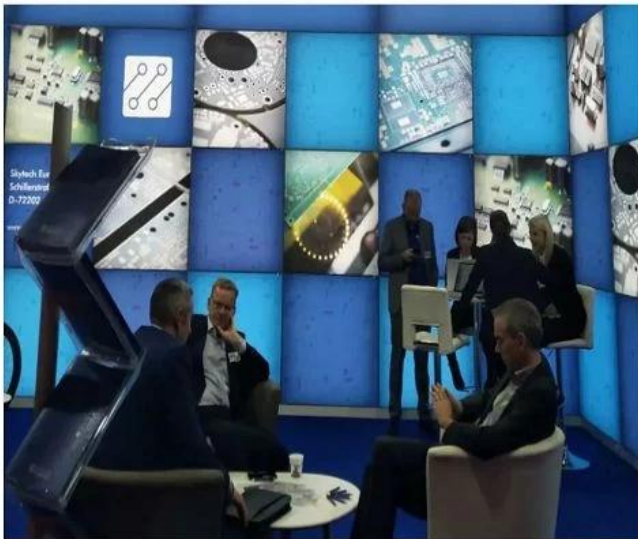
O-LEADING *CUSTOMER*

To be *RELIABLE*

Quality first ,
Customer supreme ,
Scientifically management ,
Striving for famous brand



THE CUSTOMER IS *KING*



To be *VALUABLE*

Science and technology keeps head ,
Put people first ,
Be precise and practical ,
contribute sincerely

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



HOW O-LEADING MAKE A PROJECT FOR YOU

Hardware Dispenser Application Not

Automatic Dispenser Application Not

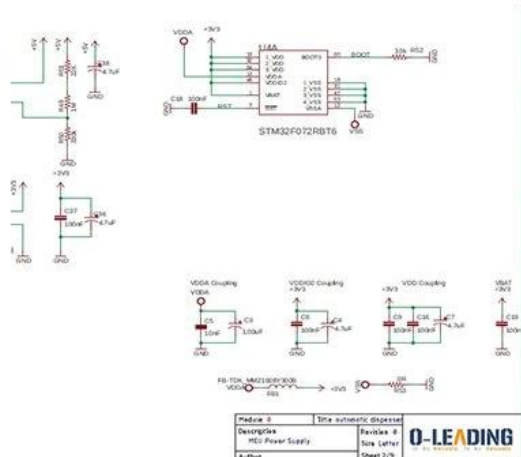
Voltage Table

Volt Pin Number	Description
VDD	Battery Voltage
+3V3	+3.3V
+5V	+5V
USB +5V	USB 5V input
+5V2	Isolated +5V
+12V	12V DC Drive

STM32F072 PinOUT table

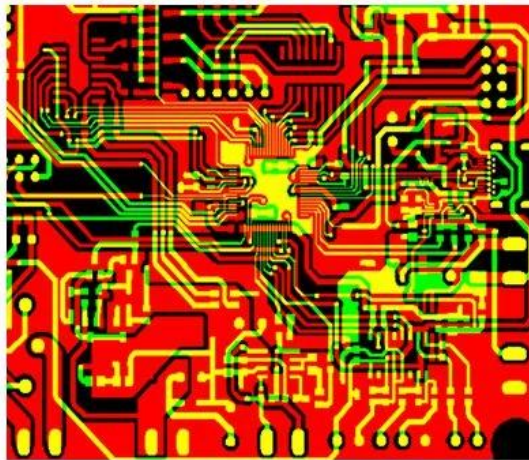
Wire Name	Description	DIO	Mode	Note
SHTN_TOF	Shutdown Time of flight sensor		Output	Logic '0' to shutdown
I2C_SCL_TOF	I2C communication with time of flight sensor		I2C1_SCL	
I2C_SDA_TOF	I2C communication with time of flight sensor		I2C1_SDA	
I2C_SCL_IR	I2C communication with thermopile sensor		I2C2_SCL	
I2C_SDA_IR	I2C communication with thermopile sensor		I2C2_SDA	
RATE_LC	Load cell control pins		Output	
DOUT_LC	Load cell control pins		Output	

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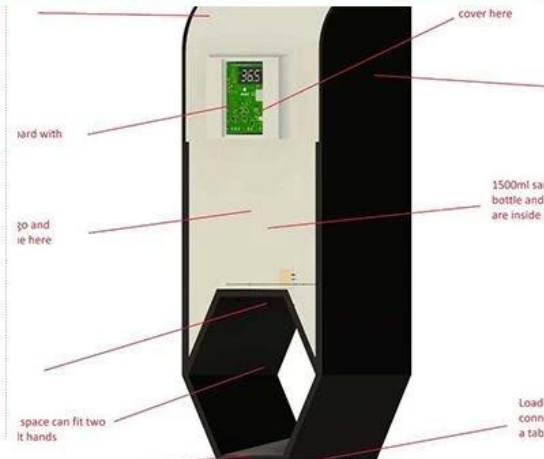


HARDWARE schematics

PCB PRODUCTION COMPONENTS SOURCING



Qty	Value	Device	Parts	Description
4	AK500/2	AK500/2	X1, X2	CONNECTOR
1	AK500/3	AK500/3	X7	CONNECTOR
1	124114	MA04-2	SV2	
1	PPPC04	MA04-2	SV1	8 POS , 4*2 FEMALE PIN HEADE
1	ML10	ML10	SV4	HARTING
1	8MHZ	XTALL CSTCE8M	X5	STCE8M00G52-R0 RESONATOR
1	0R	R-0603	R53	Thick Film Resistors - SMD 0603
2	10R	R-0603	R12, R5	Thick Film Resistors - SMD 0603
8	100R	R-0603	R1, R2	Thick Film Resistors - SMD 0603
1	270R	R-0805	R15	Thick Film Resistors - SMD 0605
1	330R	R-0603	R11	Thick Film Resistors - SMD 0603
9	680R	R-0603	R20, R3	Thick Film Resistors - SMD 0603
17	1k	R-0603	R9, R10	Thick Film Resistors - SMD 0603
2	4.7k	R-0603	R17, R6	Thick Film Resistors - SMD 0603
2	5.1k	R-0603	R18, R1	Thick Film Resistors - SMD 0603
9	10k	R-0603	R16, R3	Thick Film Resistors - SMD 0603
1	100k	R-0603	R20, R7	Thick Film Resistors - SMD 0603



PCB Assembly MECHANICAL DESIGN

Skyworth 创维

HAT 和而泰
HAT 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

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

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: 4093862301024670

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 Manufactur...

★★★★★

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: 4090347501024670

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 Manufactur...

★★★★★

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!

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 board...

★★★★★

Good products



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

★★★★★

Good supplier

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)



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 Pi W ver...

★★★★★

Fantastic products!!



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

★★★★★

Good!

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)



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.

Certificaciones

O-LEADING *TRAINING*



Keep *LEARNING*

There's a phrase in Buddhism, 'Beginner's mind.'

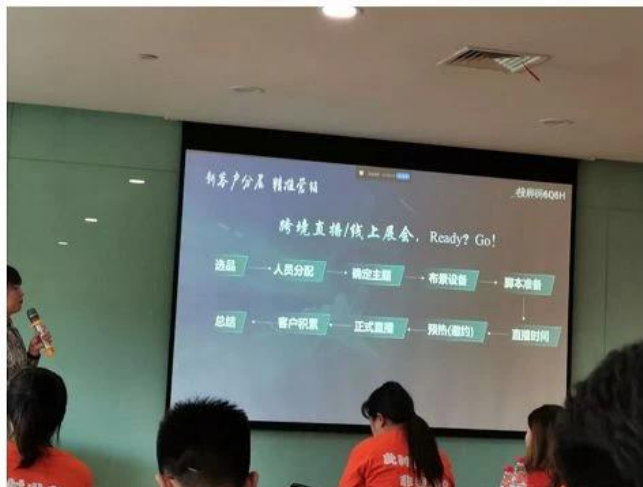
It's wonderful to have a beginner's mind

WE HAVE A *DREAM*

Keep *RUNNING*

I would like to live to study, and not study to live.

----Bacon





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 :

Specimen No. SN1
SGS Sample ID SZX19-005304.001
Description 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	OUT
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
Tri bromobiphenyl	-	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
Tri bromodiphenyl ether	-	mg/kg	5	ND
Tetrabromodiphenyl ether	-	mg/kg	5	ND
Pentabromodiphenyl ether	-	mg/kg	5	ND



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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

E490354

ROOM 1205, 12/F
TAI SANG BANK BLDG
130-132 DES VOEUS ROAD
CENTRAL, HONG KONG

Type	Cond Width		Cond Thk mic(mil)	SS/ DS/ DSO	Max	Max		Max		Meets C	
	Min	Edge			Area	Solder	Oper	Flame	UL796 T		
	mm(in)	mm(in)			Diam	Limits	Temp	Class	DSR		
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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Capacidad de procesamiento

Capacidades de producción de PCB

Recuento de capas	1Layer-32Layer
Espesor de cobre terminado	1 / 3oz-12oz
Mínimo ancho de línea / espaciado interno	3,0 mil / 3,0 mil
Ancho de línea mínimo / espaciado externo	4.0 mil / 4.0 mil
Relación de aspecto máxima	10: 1
Espesor del tablero	0,2 mm a 5,0 mm
Tamaño máximo del panel (pulgadas)	635 * 1500 mm
Tamaño mínimo del orificio perforado	4 mil
Tolerancia de orificio revestido	+/- 3 mil
Vias Blind / Enterradas (Tipos All)	Sí
Vía relleno (conductivo, no conductivo)	Sí
Material de base	FR-4, FR-4 de alta Tg. Material libre de halógenos, Rogers, Base de aluminio, Poliamida, cobre pesado
Acabados superficiales	HASL, OSP, ENIG, HAL-LF, plata de inmersión, Estaño de inmersión, dedos de oro, tinta de carbón

Capacidades de producción SMT

Material de PCB	FR-4, CEM-1, CEM-3, tablero a base de aluminio, FPC
Tamaño máximo de PCB	510x1500mm
Tamaño mínimo de PCB	50x50mm
Espesor de PCB	0,5 mm a 4,5 mm
Espesor del tablero	0,5-4 mm
Tamaño mínimo de los componentes	0201
Componente de tamaño de chip estándar	0603 y mayor
Altura máxima del componente	15 mm
Paso mínimo de plomo	0,3 mm
Paso mínimo de bola BGA	0,4 mm
Precisión de colocación	+/- 0,03 mm

Empaquetado y entrega

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

Preguntas más frecuentes

1. ¿Cómo asegura O-Leading la calidad?

Nuestro alto estándar de calidad se logra con lo siguiente.

- 1.1 El proceso está estrictamente controlado bajo las normas ISO 9001: 2008.
- 1.2 Uso extensivo de software en la gestión del proceso de producción
- 1.3 Equipos y herramientas de prueba de última generación. P.ej. Flying Probe, inspección de rayos X, AOI (inspector óptico automatizado) e ICT (pruebas en circuito).
- 1.4 Equipo de aseguramiento de la calidad dedicado con proceso de análisis de casos de falla
- 1.5 Formación y educación continua del personal

2. ¿Cómo mantiene O-Leading 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% con respecto al dólar estadounidense; Y nuestro costo laboral también aumentó significativamente. Sin embargo, O-Leading ha mantenido nuestros precios estables. Esto se debe enteramente a nuestras innovaciones para reducir costos, evitar desperdicios y mejorar la eficiencia. Nuestros precios son muy competitivos en la industria al mismo nivel de calidad.

Creemos en una asociación de beneficio mutuo con nuestros clientes. Nuestra asociación será mutuamente beneficiosa si podemos ofrecerle un costo y una calidad de vanguardia. ([FFabricante de](#)

placa PCB de doble cara de entrega ast)

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

Placas comunes FR4, High-TG y libres de halógenos, Rogers, Arlon, Telfon, placas a base de aluminio / cobre, PI, etc.

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

4.1 Lista de materiales (BOM) con designadores de referencia: descripción del componente, nombre del fabricante y número de pieza.

4.2 Archivos Gerber de PCB.

4.3 Plano de fabricación de PCB y plano de montaje de PCBA.

4.4 Procedimientos de prueba.

4.5 Cualquier restricción mecánica, como los requisitos de altura de montaje.

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

Corte de material → Película seca interna → Grabado interno → AOI interno → Multi-bond → Apilado de capas 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.

6. ¿Cuáles son los equipos clave para la fabricación de HDI?

La lista de equipos clave es la siguiente: máquina de perforación láser, máquina de prensado, línea VCP, máquina de exposición automática, LDI, etc.

Los equipos que tenemos son los mejores en la industria, las máquinas de perforación láser son de Mitsubishi e Hitachi, las máquinas LDI son de Screen (Japón), las máquinas de exposición automática también son de Hitachi, todas ellas hacen que podamos cumplir con los requisitos técnicos del cliente.

7. ¿Cuántos tipos de acabado superficial O-lead puede hacer?

O-the leader tiene la serie completa de acabados superficiales, tales como: ENIG, OSP, LF-HASL, chapado en oro (suave / duro), plata de inmersión, estaño, chapado en plata, estañado por inmersión, tinta de carbón y etc. OSP, ENIG, OSP + ENIG de uso común en el HDI, generalmente recomendamos que utilice un cliente o OSP OSP + ENIG si el tamaño de BGA PAD es inferior a 0,3 mm.

8. ¿Cuál es su capacidad para FPC? ¿O-Leading también puede proporcionar servicio SMT?

O-Leading puede fabricar FPC de una sola capa a 8 capas, el tamaño del panel de trabajo puede ser tan grande como 2000 mm * 240 mm, encuentre los detalles en la página "Capacidad flexible"

También proporcionamos un servicio integral de SMT al cliente.

9. ¿Cuáles son los principales factores que afectarán el precio de los PCB?

Material;

Acabado de superficie;

Dificultad tecnológica;

Diferentes criterios de calidad;

Características de PCB;

Términos de pago;

Diferentes países de fabricación.

10. ¿Cuál es la definición de PCB, PWB y FPC y cuál es la diferencia?

PCB es la abreviatura de placa de circuito impreso;

PWB es la abreviatura de Printed Wire Board, el mismo significado que Printed Circuit Board;

FPC es la abreviatura de Tablero impreso flexible.

11. ¿Qué factores deben tenerse en cuenta al elegir el material para una placa PCB?

Los siguientes factores deben considerarse cuando elegimos el material para PCB:

El valor de Tg del material debe ser mayor que la temperatura de operación;

El material de bajo CTE tiene un buen rendimiento de estabilidad térmica;

Buen rendimiento de resistencia térmica: normalmente se requiere que los PCB resistan 250 °C durante al menos 50 segundos.

Buena planitud; Teniendo en cuenta las propiedades eléctricas, se utiliza material de baja pérdida / alta permitividad en PCB de alta frecuencia; Sustrato de fibra de vidrio de poliimida utilizado para PCB flexible; El núcleo de metal se utiliza cuando el producto tiene un requisito estricto de disipación de calor.

12. ¿Cuáles son las ventajas de la placa de circuito impreso rígido-flexible de O-leading?

El PCB rígido y flexible de O-leading tiene los caracteres de FPC y PCB, por lo que puede usarse en algunos productos especiales. Una parte es flexible mientras que la otra parte rígida, puede ayudar a ahorrar espacio interior del producto, reducir el volumen del producto y mejorar el rendimiento.

13. ¿Cómo se hace el cálculo de la impedancia?

El sistema de control de impedancia se realiza utilizando algunos cupones de prueba, el equipo SI6000 soft y el CITS 500s de POLAR INSTRUMENTS.

El equipo mide la impedancia en un cupón de configuración de pista representativa del cual el cliente nos ha dado un valor y tolerancia determinados.