



XJYPCB one-stop service

Presentation

公司简介

Quick response

Professional service

Perfect quality

XJYPCB

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Company introduction



Technical advantages



Fast service



Corporate culture

Quick response

Professional service

Perfect quality

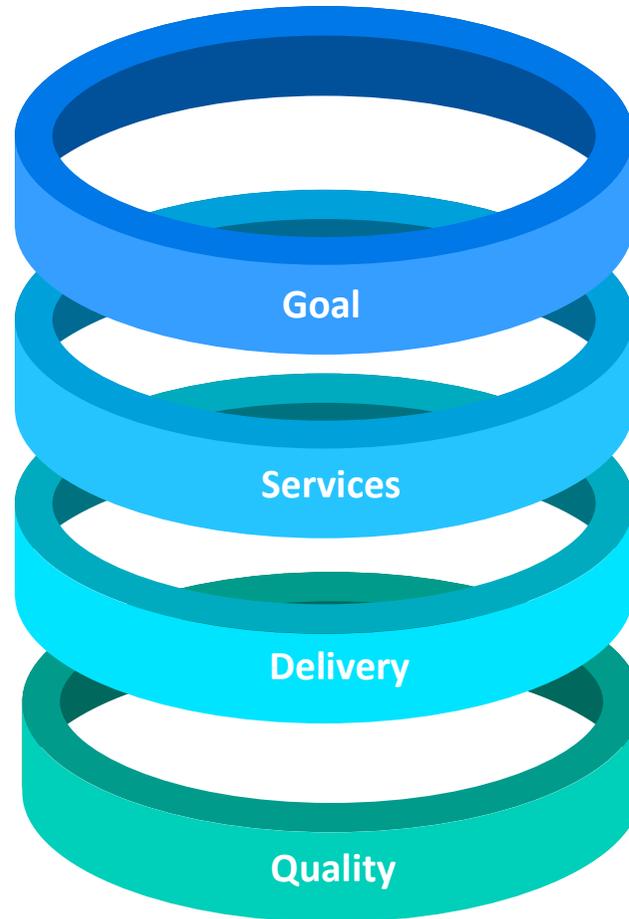
Company strategies

Our goal

To become one of the most competitive PCB one-stop supplier in QTA, sample and small & medium volume field.

On-time delivery

Improve delivery control procedure to ensure delivery on-time.



One-stop services

PCB, FPC&Rigid- Flex, HDI, etc. manufacturer from prototype, samples to mass production.

Quality commitment

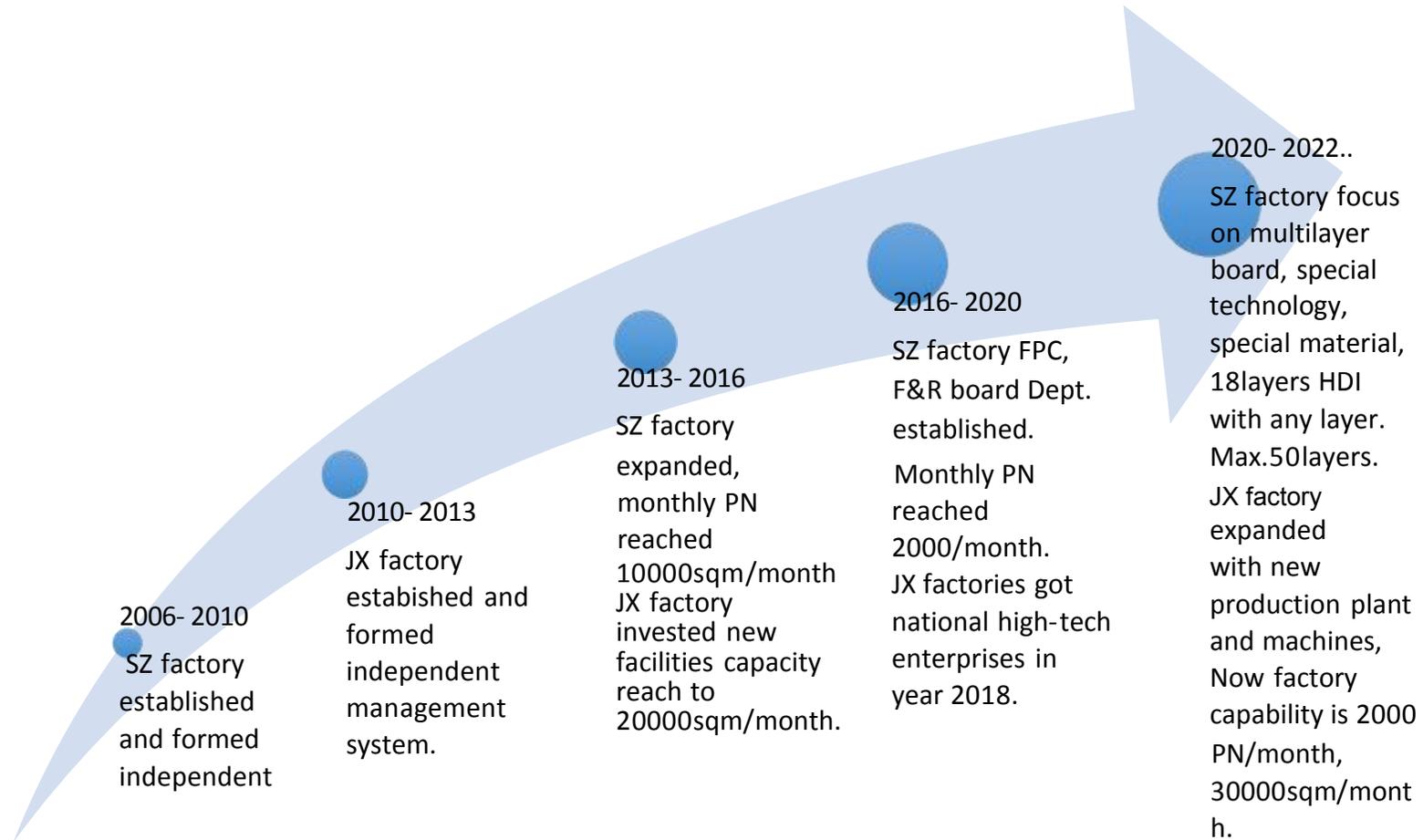
Quality assurance and self- review system to ensure quality promotion.

Quick response

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Perfect quality

Company milestones



Quick

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Perfect quality

SZ factory

- Shenzhen factory was founded in April 2006.
- Special for quick turn: Prototype, Sample and Small volume orders.
- 8000- 10000 types per month ,24hours quick turn.
- Approx.350 employees, 60 engineers, 50 QA & QC staff.
- Certificates: UL (E1472911) for both US&Canada, UL (E1472911)for flex.
ISO 9001: 2015, ISO 14001:2015, IATF 16949:2016,
GJB 9001C- 2017, ISO 13485:2016
- FPC & Rigid- Flex , R&D Dept. was set up in year2016, highest layer count is R&D 26L(Including 18L flex), pure flex: 8L
- HDI was set in year2018, 18L any layer at this moment.
- Got national high-tech enterprise in 2017.
- Starting from 2020, we focus on special material like Rogers, Isola, Panasonic M6,M7 which are normal stocked in our warehouse.



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Jiangxi factory

- ✎ Jiangxi factory was founded in Oct. 2006 .
- ✎ Special for medium volume and mass production order .
- ✎ Approx 300 employees, Capacity 2000part numbers, 30,000sqm/month
- ✎ Certificates: UL (E1472911) for both US&Canada, ISO 9001: 2015,
ISO 14001:2015, IATF 16949:2016,GJB 9001C- 2017, ISO 13485:2016.
- ✎ Got national high-tech enterprise in year2017.
- ✎ Jiangxi factory made the big expansion & rebuild in Oct.2019 .



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Exhibition Show

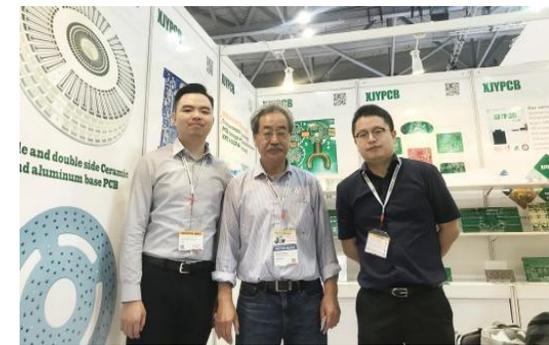
People oriented



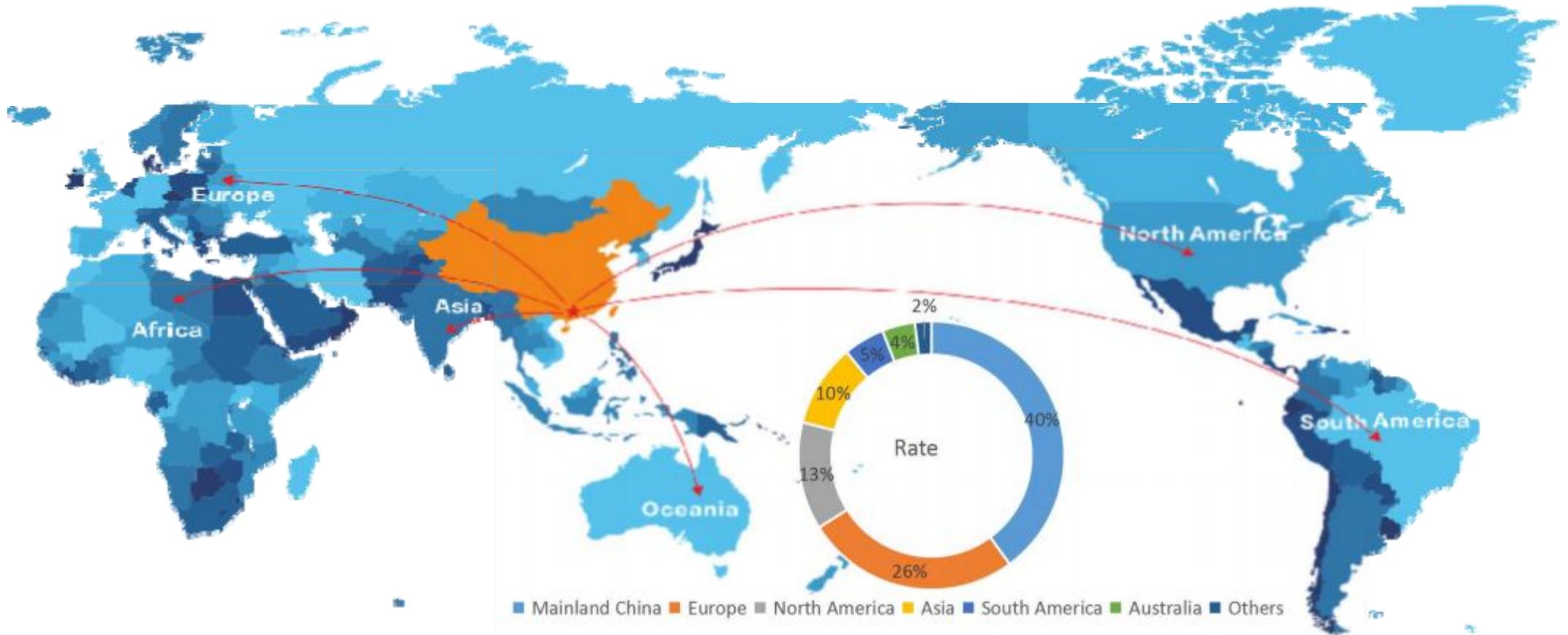
Teamwork



Achieve your dream



Customer distribute

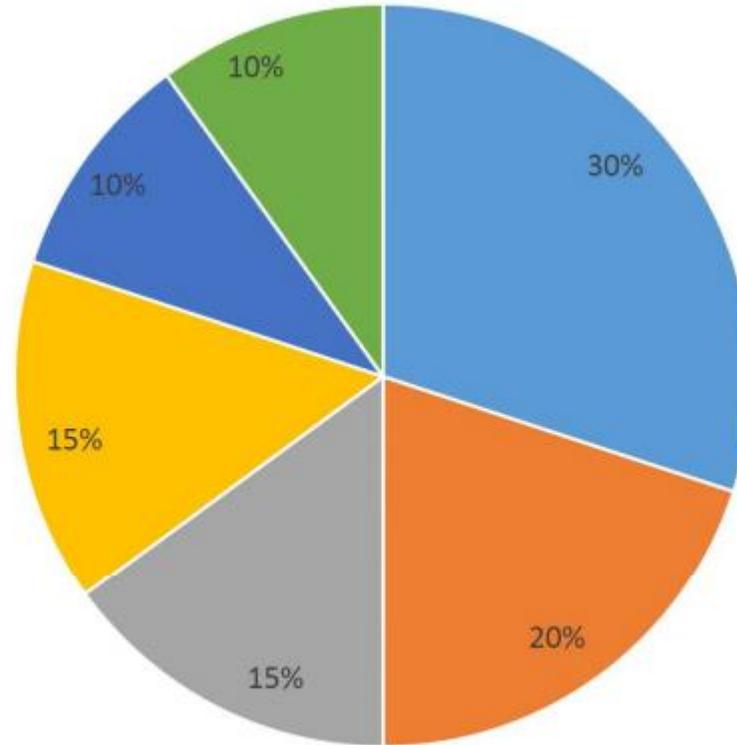


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Product application



■ Industrial control ■ Instrument meter ■ Communication ■ Automotive ■ Medical care ■ Military defense

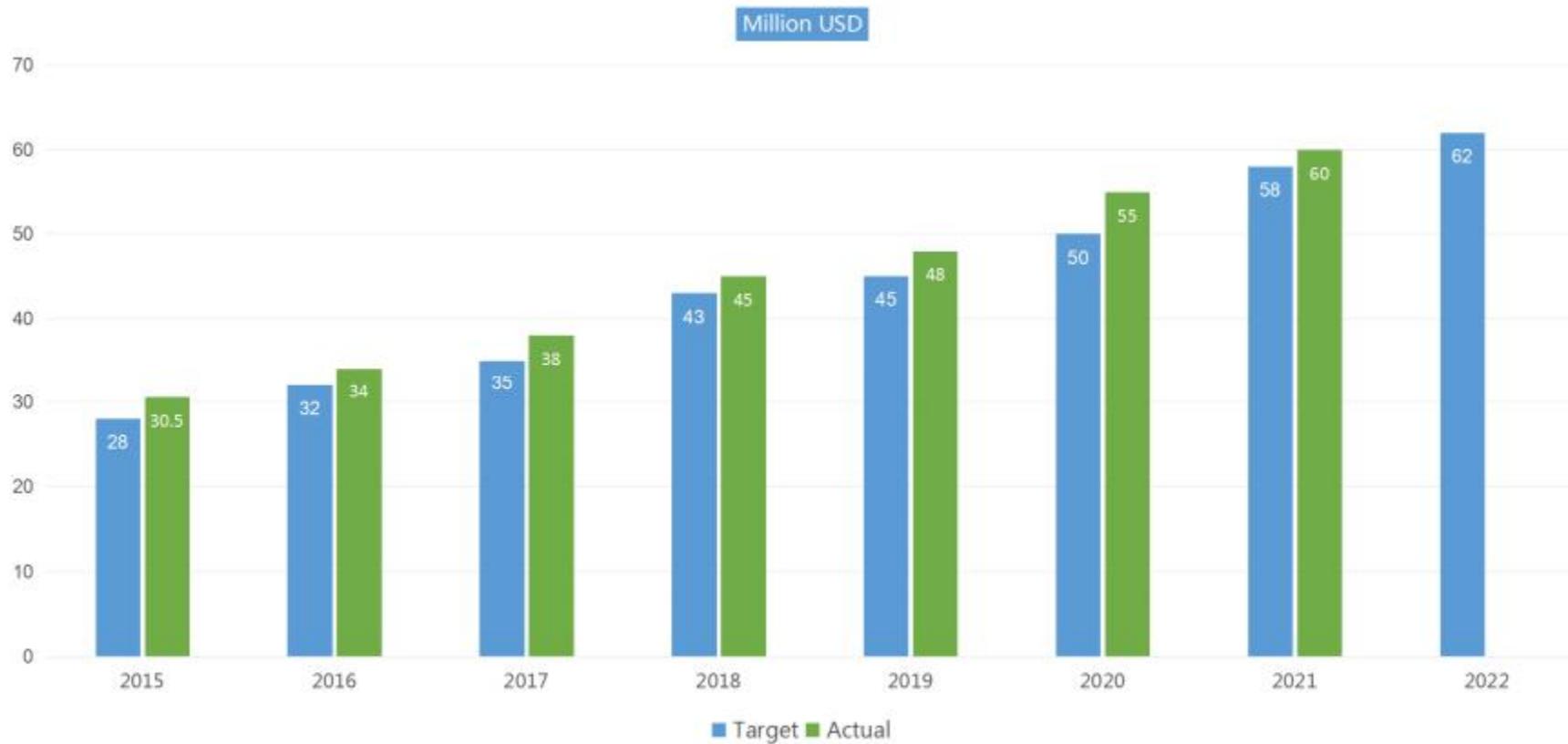
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Sales turnover

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Quality system

Internal Quality Control	IPC-A-600J class 2
Quality Target	First Pass rate of production>95%
Delivery on time rate	>98%
Customer complaint rate	<1%
Lean production	Effective production; safty production ;zero stock.

6S stands for Structures , Systematize , Sanitize , Standardize , safety and Self-discipline.

Perfect qulity is the first goal in XJYPCB ; Perfect quality is the future of XJYPCB ; Perfect quality is the spirit of XJYPCB.

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PCB Production machines



Drilling machines



LDI



welding resistance wire printing machine



Molding cleaning line



Automatic film sticker



Electroplating line

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PCB Production machines

XJYPCB



E TEST



automatic text screen printing



CNC Routing



Finished hole inspection machine



High speed automatic flying machine



AOI

SMT Production machines



IQC



Automatic cutting



Wave-soldering



Assemble



SMT



X- Ray shooting machine

Laboratory testing equipment

XJYPCB



Quadratic element tester



Impedance tester



Ion contamination tester



ROHS tester



Au/Ni thickness tester



Peel strength tester

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Physical Lab.



Every step of strict testing is the guarantee for the perfect quality

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Our certificate of honor

XJYPCB



Both Shenzhen & Jiangxi factory got national high-tech enterprise.

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SZ factory capability

Material	FR4,Metal Core,Arlon,Taconic,Nelco,Isola
	Halogen Free, Rogers, PTFE,PI,etc.
Max. Finishing Board Size	1200X572 mm
Min. Board Thickness	0.1mm for L<=2, 0.3mm for 4L&above
Max. Board Thickness	10.0 mm
Buried / Blind Via (Non-cross)	0.1mm
Aspect ratio	20:1
Min. Drilling Size(Mechanical)	0.15 mm
Tolerance PTH/ Pressing fit hole /NPTH	+/-0.0762 mm / +/-0.05mm / +/-0.05mm
Max. Layer Count	50
Max. copper	12 OZ
Drill tolerance	+/- 2mil
Layer to layer registration	+/-3mil
Min. line width/space	2.5/2.5mil
BGA pitch	8mil
Surface treatment	HASL, Lead free HASL,
	ENIG(+ G/F), Immersion silver/Tin OSP, ENEPIG, bare copper

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Jiangxi factory capability

Material	FR4 (normal or high TG or Halogen free)
	Metal core, Rogers, etc.
Max. Finishing Board Size	540X620 mm
Min. Board Thickness	0.20 mm
Max. Board Thickness	8.0 mm
Buried / Blind Via (Non-cross)	0.2mm
Aspect ratio	12:01
Min. Drilling Size(Mechanical)	0.20 mm
Tolerance PTH/ Pressing fit hole /NPTH	+/-0.0762 mm & +/-0.05mm & +/-0.05mm
Max. Layer Count	14
Max. copper thickness	6 OZ
Target drill tolerance	+/-2mil
Layer to layer registration	+/-3mil
Min. line width/space	3/3mil
BGA pitch	10mil
Surface treatment	HASL, Lead free HASL,
	ENIG(+ G/F), Immersion silver/Tin OSP, ENEPIG, bare copper

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Technology road map

Items		2020	2021	2022	
Layers	36L	P	SV	SV	
	50L	P	P	P	
Min. line track & trace	Innerlayer	2.6/2.6 mil	SV	M	M
		2/2 mil	P	SV	SV
		1.6/1.6 mil	P	P	P
	Outlayer	2.6/2.6 mil	SV	SV	SV
		2/2 mil	P	SV	SV
		1.6/1.6 mil	P	P	P
Min. mechanical drill bit	0.15mm	SV	M	M	
	0.10mm	P	P	SV	
Aspect ratio	15 : 1	P	SV	SV	
	18 : 1	P	P	P	
Copper thickness	12 OZ	SV	SV	M	
	20OZ	P	SV	SV	
	28OZ	P	P	SV	
	Finished asymmetric 1/6OZ	M	M	M	

P : prototype ; SV : small volume ; M : mass production

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Technology road map

Items		2020	2021	2022
Impedance tolerance	±8%	SV	SV	M
	±5%	P	P	SV
Finished thickness	Max. 10mm	P	SV	SV
Min. innerlayer clearance	4L 0.075mm	P	SV	SV
	8L 0.1mm	P	SV	SV
	22L 0.125mm	P	SV	SV
HDI	4+N+4	P	SV	SV
	6+N+6	P	P	SV
	8+N+8	P	P	SV
	≤ 18L Any layer	P	P	SV
	Hydrocarbon materials HDI	P	SV	SV
	Max. size 24"*36"(one step)	P	P	P
Flex&Rigid	24L	P	SV	SV
	2+N+2	SV	SV	SV
	3+N+3	P	SV	SV
	4+N+4	P	SV	SV
	High frequency	P	SV	SV

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Technology road map

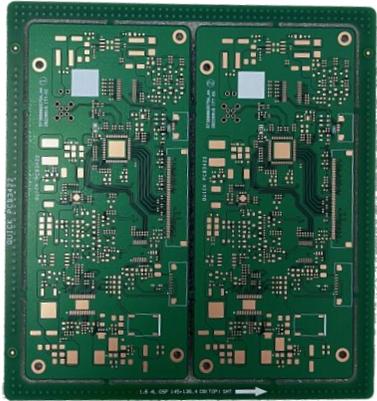
Items		2020	2021	2022
Special material/technology	Hydrocarbon materials MTL	SV	M	M
	Pure PTFE material (8layers)	P	P	P
	Back drilling	SV	M	M
	Partial implant copper	P	SV	SV
	Buried copper	P	SV	SV
	Heat sink Alu./copper base	SV	M	M
	Burid flat capacitor/resistor	P	P	P
	Ladder+blind&buried technology	SV	M	M
	High frequency+FR4 mix pressing+metal core pressing	SV	M	M
	Partial mix pressing(FR4+partial ceramic material)	P	P	P
	Partial convex copper	P	P	P
	12OZ MTL with blind&buried	SV	SV	SV

Quick response

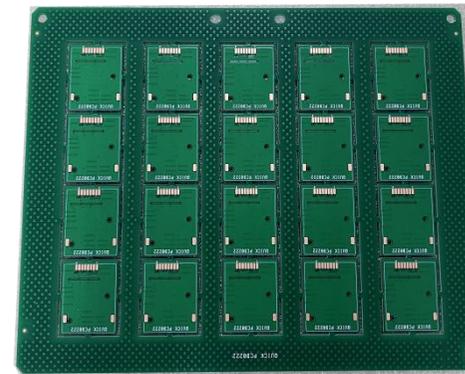
Professional service

Perfect quality

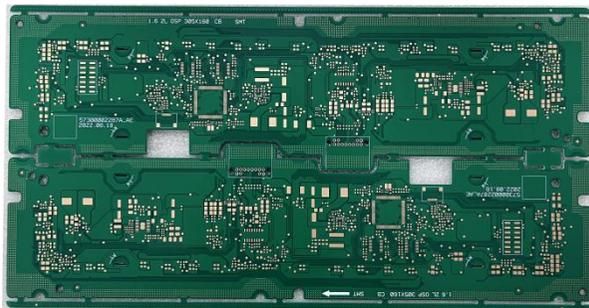
Samples



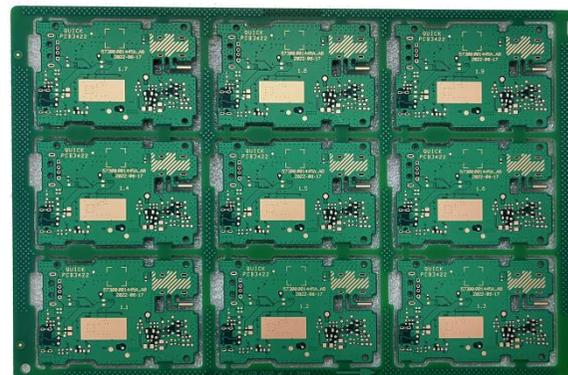
32layers
Material : S1000 -2M
Surface finishing : selective
hard gold plating(50 U")
board thickness : 5.0 mm
Min. drill size : 0.4 mm
Resin vias
Min. innerlayer space : 0.17
mm
Bow and twist : $\leq 0.3\%$



50layers,
Material: FR4 TG170
Board thickness: 6mm
Min. drill size: 0.3mm
Aspect ratio : 20:1
Min. line width/space : 3/3mil
Impedance control
IPC class four



28Layers
Material: FR4 Tg170
Board thickness: 3.65mm
Innerlayer hole to line: 8mil
Aspect ratio : 15:1
Min. line width/space :
3/4mil
Impedance control



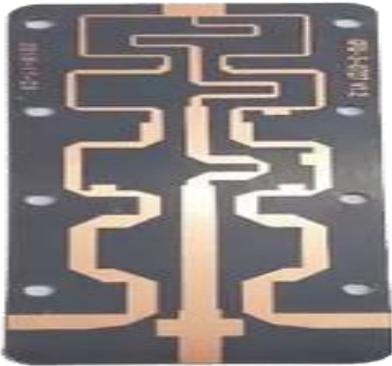
20Layers
Blind buried vias
1-4L,17-20L blind vias
5-16L buried vias
Innerlayer hole to line : 7 mil
Min. line width/track : 3/3 mil

Quick response

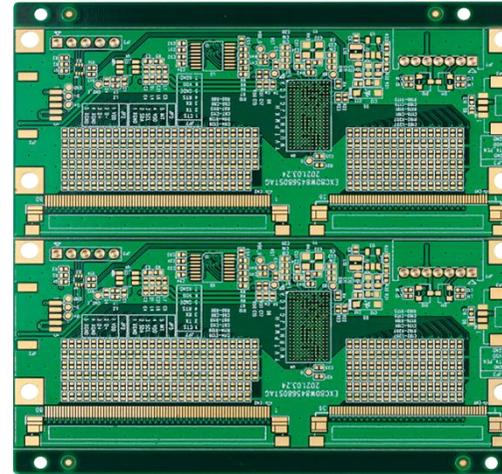
Professional service

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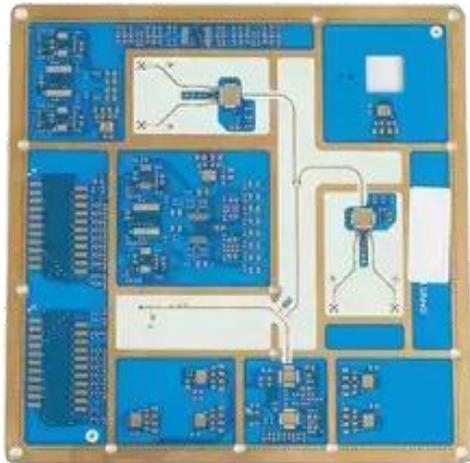
Samples



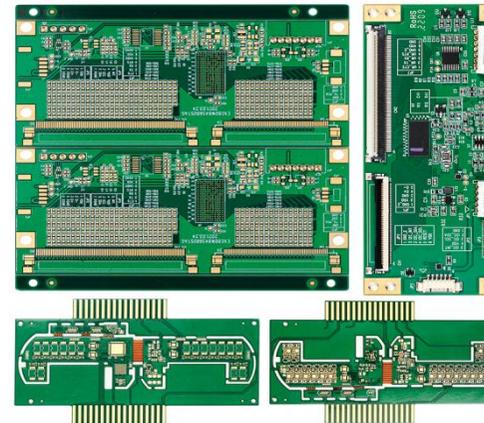
R5785N(M7) material
Copper foil: HVLP2
Low-DK glass, 12GH2,
Dk3.35, Df 0.002.



24layers
Material : R5 7 7 5 G(HVLP) M6
Board thickness: 3.0mm
Min. drill size: 0.25mm
Innerlayer space : 0.16mm
Back drilling



TC350 : high thermal
conductivity PTFE
Dk3.5, Df0.0018
Thermal conductivity: 1W/mK



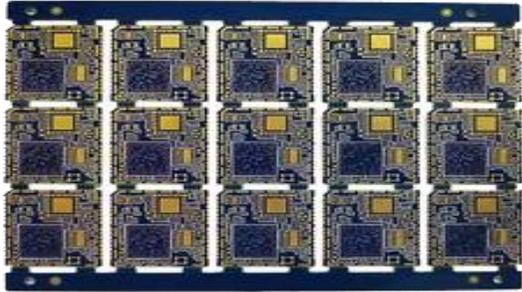
18layers
RO4003C+370HR+RO4450F Mix press
2.3 mm finished board thickness
Min. drill bit 0.175mm
Min. innerlayer space: 0.127mm.
10 groups back drilling
Isolate distance 0.075mm.

Quick response

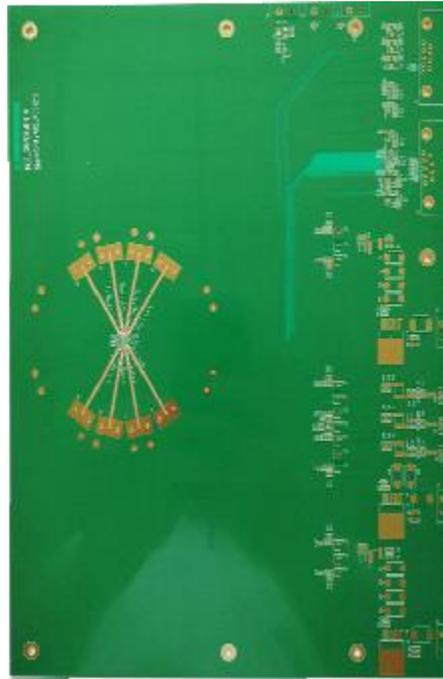
Professional service

Perfect quality

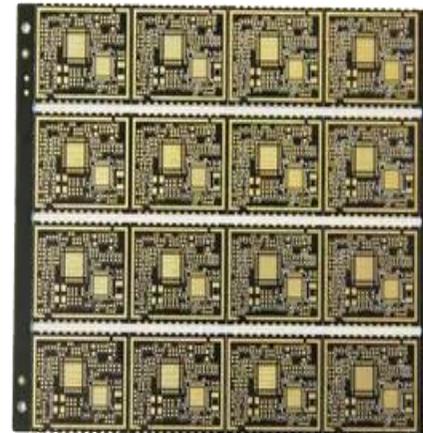
Typical products- HDI board



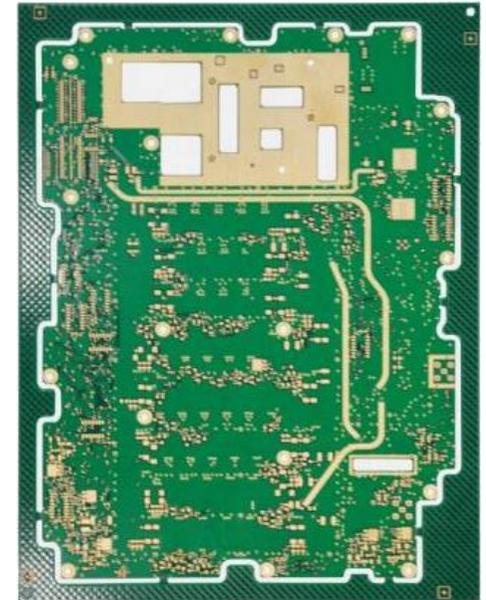
8L HDI , 3+2+3 ,
2.5/2.5mil line width/trace.



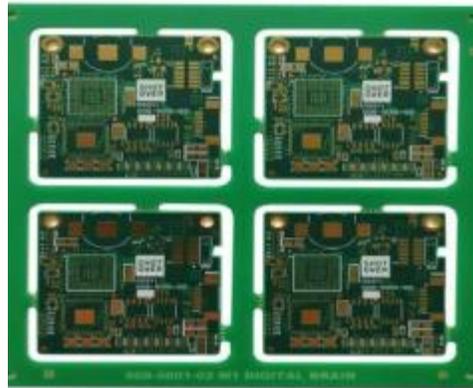
8L HDI any layer,
R04450F+HTG mix pressing,
innerlayer hole to line 4.5mil,
chip testing board.



0.6 mm finished thickness.



14L, RO4003C+HTG mix pressing,
1- 10/11- 14L blind vias,
1-4/1-9L back drilling.



8L HDI, any layer ,
3/3mil line width/trace.

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Professional service

Perfect quality

Typical products- Flex&Rigid boards

KJYPCB



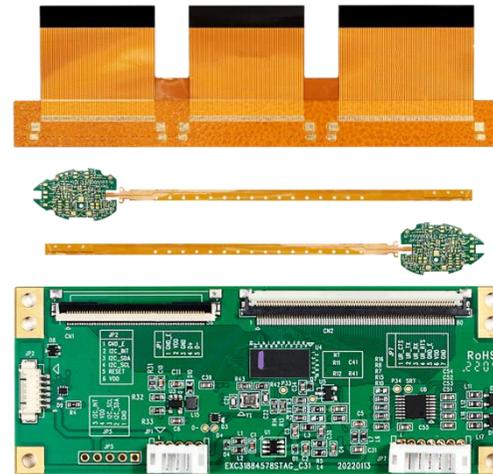
26layers flex-rigid board(including 8layers flex)
Impedance control

Quick response



16layers rigid-flex board(including 6layers flex)
Impedance control

Professional service



14layers rigid-flex board(including 8layersflex).
Min.line width/space: 3/3mil.
Impedance control



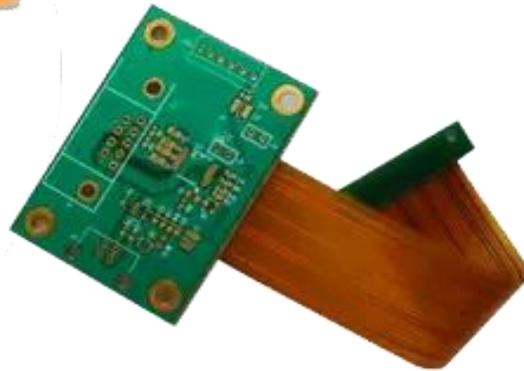
10layers rigid-flex board(3steps HDI)
Min. line width/space: 3.4/4mil.
Panasonic material

Perfect quality

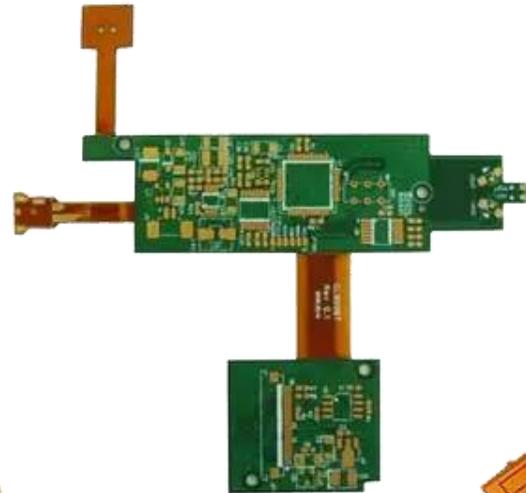
Typical products- Pure flex boards



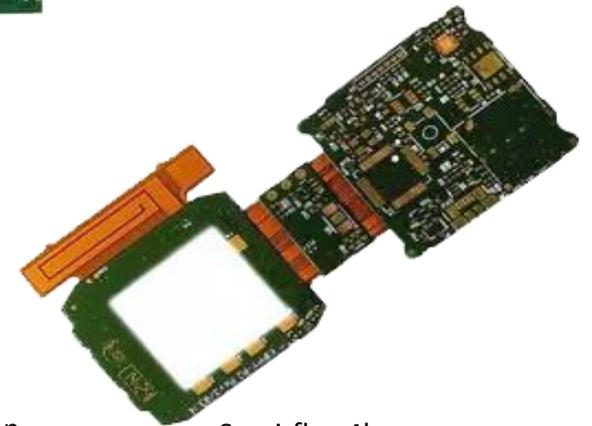
8layer Flex, 35um copper ,
Pressfit hole 0.35mm,
1.0mm thickness.



8layer Flex, 3/3.5mil,
0.8 mm thickness ,
green flex soldermask.



4L flex&rigid(2layers flex on
outlayer),
FR4 carrier under flex area.



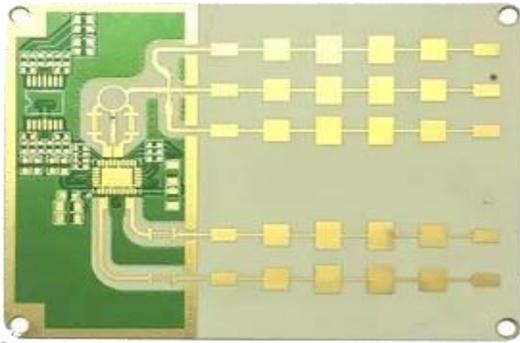
Semi-flex 4layers,
HF material

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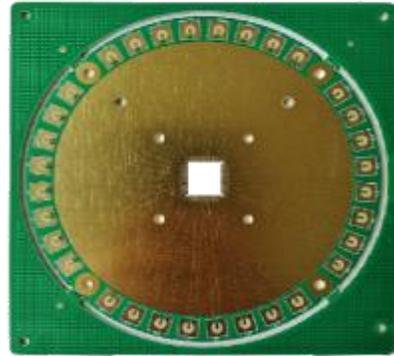
Professional service

Perfect quality

Typical products-Special technology



3L ladder board, RT5880+HT1.5
blind vias+resin vias.



6L, ITEQ IT968 material,
chip testing board.



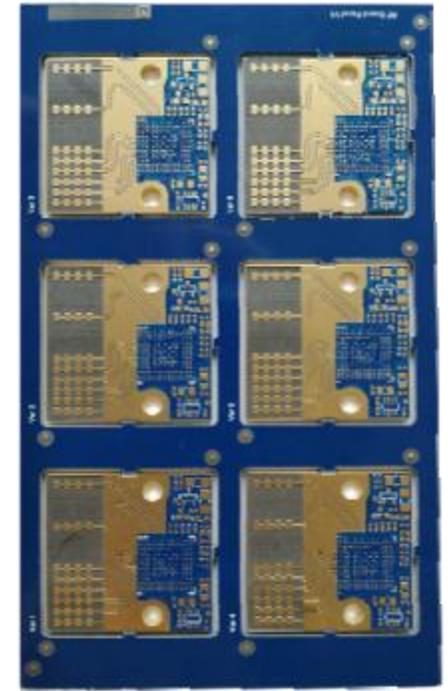
4L, Ventec VT901, TG250C .



6L, Rogers 4835+Isola370HR
mix pressing, blind vias.



12L, Rogers4350B+4450F,
3.0mm thickness.



8L Taconic TSM- DS3+FR4 HTG
mix pressing, 1-4L, 8-5L blind
vias, gold plating edge.

Quick response

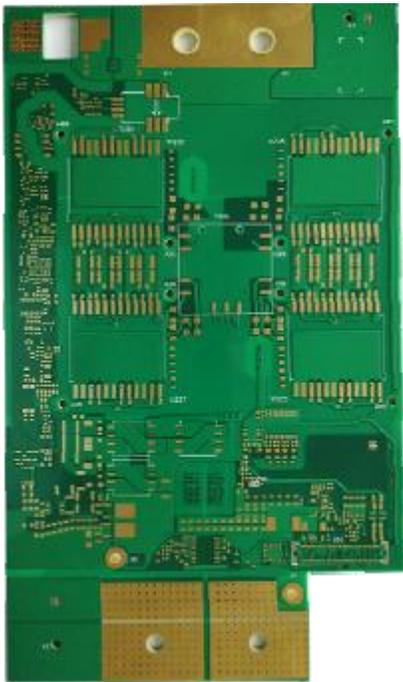
Professional service

Perfect quality

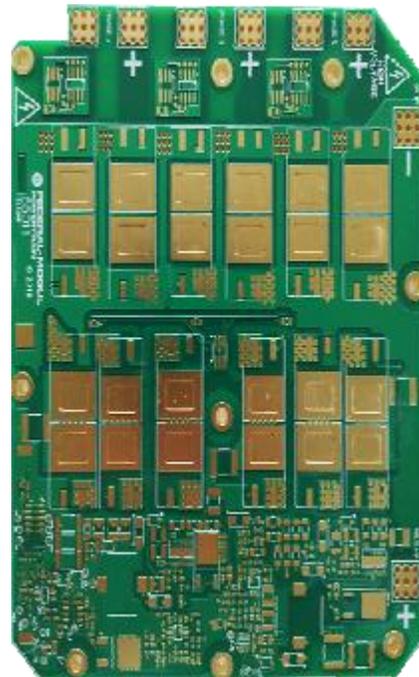
Typical products- Heavy copper



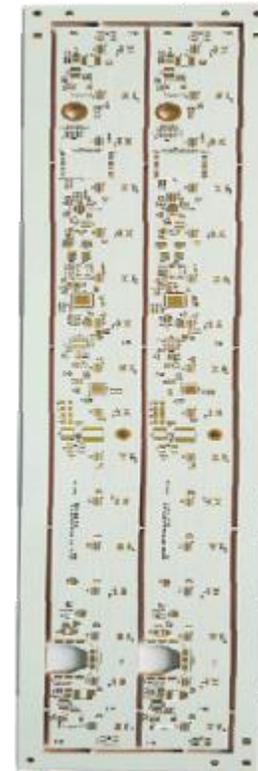
1L copper base ,
Thermoelectric separation.



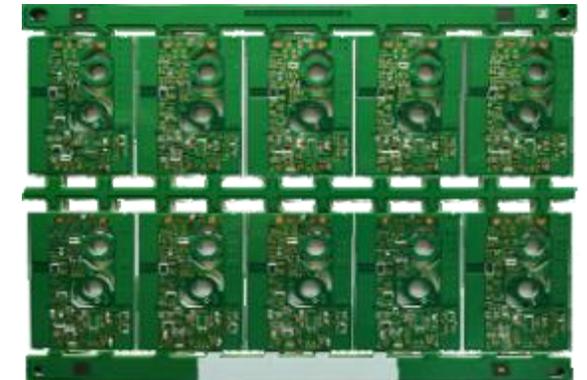
8L,12OZ(IL)/4OZ(OL) ,
1- 2,1-3,1-4,1-5,7-8,5-8L blind.



8L,6/6OZ, Buried copper block ,
1-4,2-3,5-8L blind, vias on PAD.



3L,copper base,
3.0mm thickness.



14L,4/4OZ, 3.4mm thickness,
1-7,8- 14 blind vais.

Quick response

Professional service

Perfect quality

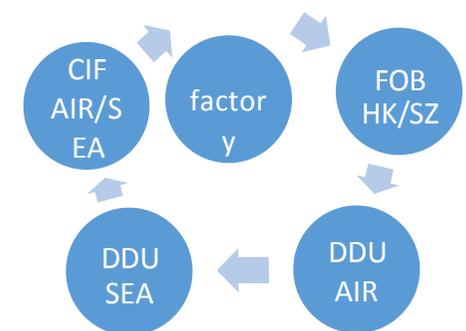
Fast leadtime

Layers	Quick-turn	Sample order	Mass order
Single	24 hours	3 WDs	7 WDs
Double	24 hours	4 WDs	7 WDs
4-6layer	48 hours	5- 6 WDs	10 WDs
8- 12layer	72 hours	7-9 WDs	
≥ 12 layers	120 hours	8- 10 WDs	18 WDs

FR-4 based, 1.6mm, 1oz, LF HAL. Exclude material lead time.



Items	Flex & Rigid board				Flex board
	Normal structure	Multilayer structure	Special structure	HDI structure	Normal structure
Leadtime (WDS)	6	8	10	12	3-6



Quick response

Professional service

Perfect quality

Fast Service



Quick response to customer



On- line sales



Professional CAM engineers



Customer first



- Focus on customer needs.
- Improve customer satisfaction from quality, delivery time and price.
- High quality--our eternal pursuit.
- Fast delivery--our constant commitment.
- Competitive price--to be win-win is the goal.
- Our Energy Saving production plants, one marketing company are your best backing.

Quick response

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Perfect quality

Our customers

KJYPCB

Panasonic

SIEMENS

德赛西威
DESAY SV AUTOMOTIVE

 GE imagination at work
梦想启动未来

Continental
The Future in Motion
大陆集团 动领未来

OSRAM 

Landis
|Gyr+
|manage energy better

ISO
JSC «ENEFC»


MAKRO PCB
Since 1999

»VISIONTEK«


CIRCUITI STAMPATI

ELC
ELEKTRONIK

 **AVIV GROUP**



 **CPH**
ELECTRONICS


SIMERX
Engineering · IEC · Supply Chain

FORCE LINE
UMA BOA ENERGIA PARA VOCÊ!

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Main raw material supplier

XJYPCB



KB



ITEQ



TACONIC

isola



EMC



tuc



nelco®



GDM金安国纪

Panasonic

Quick response

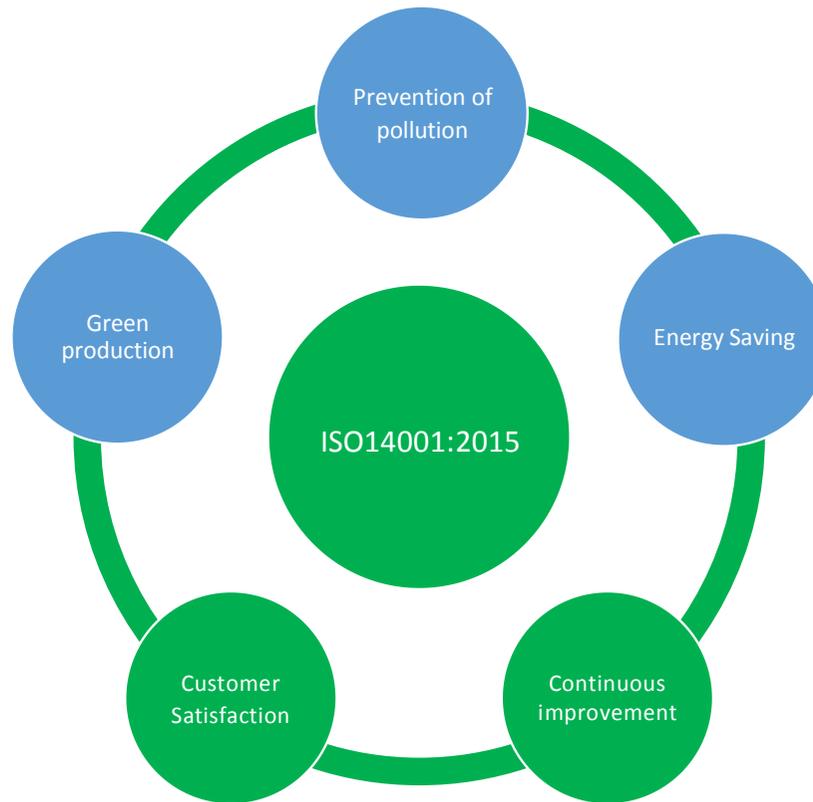
Professional service

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Environmental protection



Waste treatment plant (SZ)



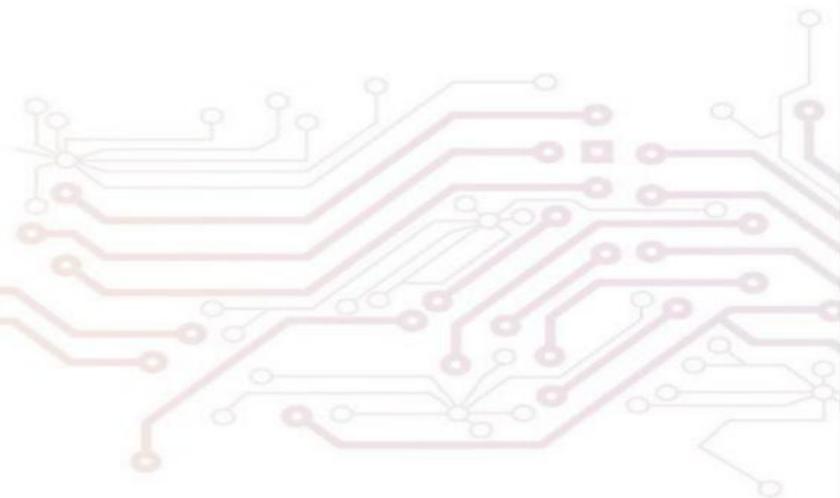
Waste treatment plant (JX)

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