



JIANGXI LONGHAI GROUP

Jiangxi Longhai Group, China PCB Factory

Website : [www.scmcpb.com](http://www.scmcpb.com) Email : [sales@scmcpb.com](mailto:sales@scmcpb.com)

# CATALOG



01



COMPANY

02



FACTORY

03



TEAM

04



PRODUCT



01

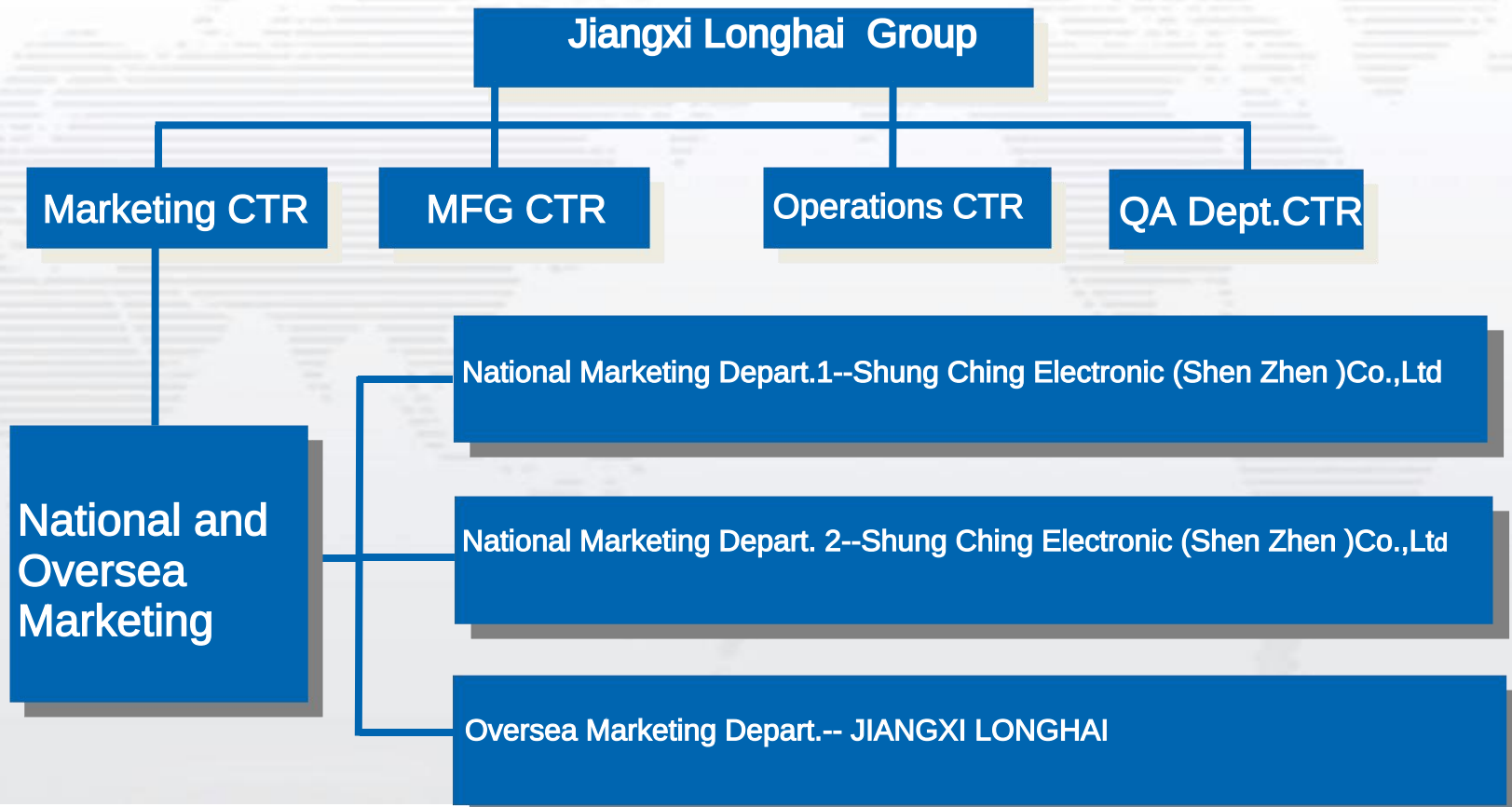


**COMPANY**

[www.scmcpb.com](http://www.scmcpcb.com) [sales@scmcpb.com](mailto:sales@scmcpb.com)



# Company Profile





## Company Overview

---

**Established in 2001**

**Employee 230**

**Capacity 360,000 Square meter / year**

**1L,2L,Multilayer PCB,Metal Core PCB**



# Development History

**2001**

■ 2001

Establishing in 2001,  
obtained UL,  
Main products:  
aluminum PCB , single-  
side PCB

**2017**

■ 2017年

Jiangxi Longhai Group  
established Shung  
Ching Electronics  
focuses on  
sales in oversea  
marketing.

**2018**

■ 2018年

Establishing sales  
office in The United  
States of America

**2005**

■ 2015年

Obtained IATF16949  
certificate, Main  
products: Multilayer  
PCB, Aluminum PCB

**2021**

■ 2021年

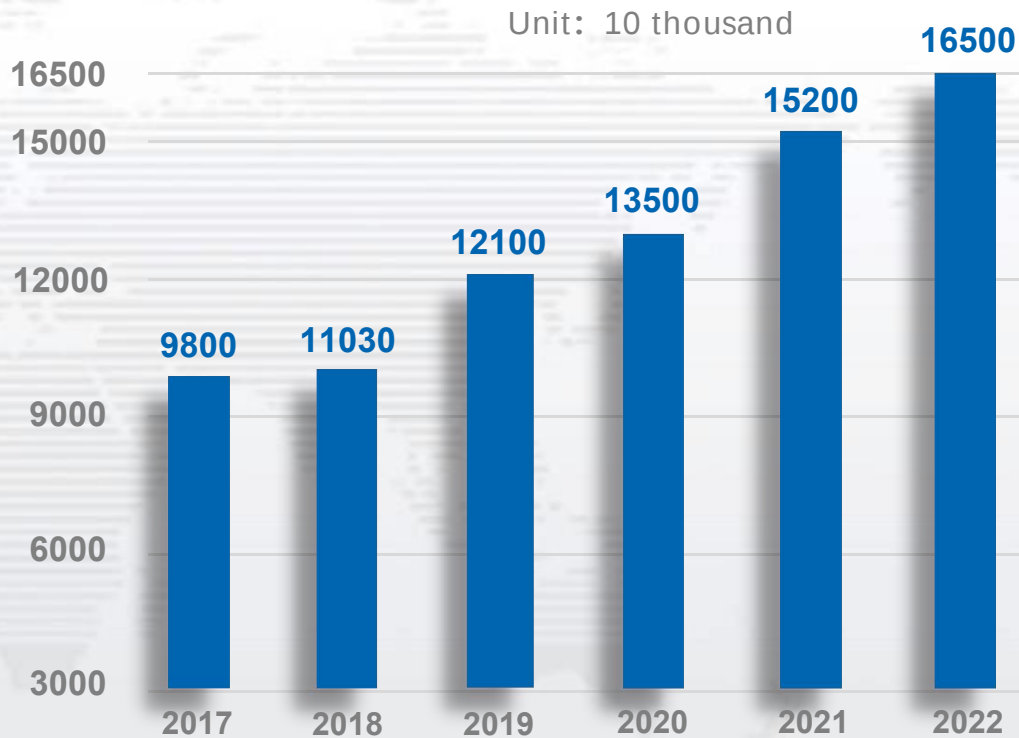
The group's annual  
production capacity exceeds  
30W square meters, and  
annual sales exceed 150  
million CNY .

[www.scmcpcb.com](http://www.scmcpcb.com)

[sales@scmcpcb.com](mailto:sales@scmcpcb.com)



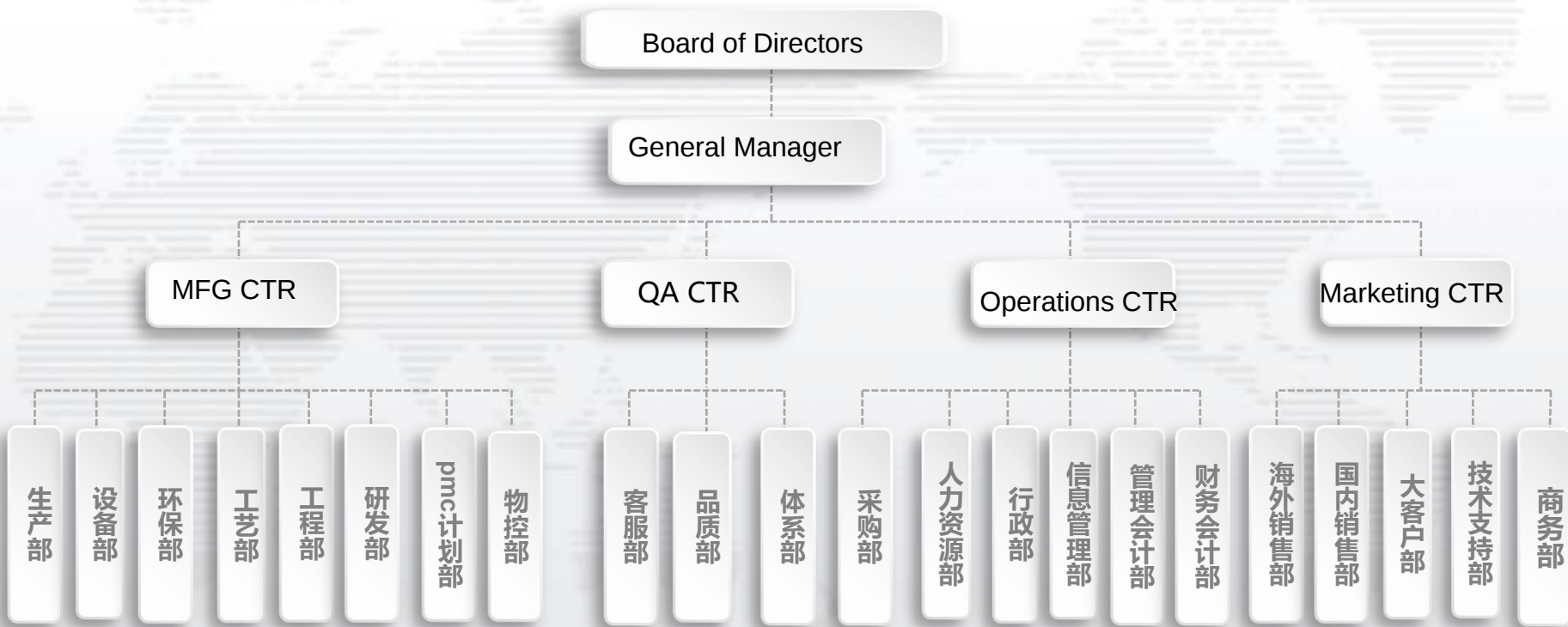
## Operation Achievement (last five years)



**165,000,000**



# Organization





鑽孔CNC車間  
Drilling CNC workshop



衝壓車間  
Stamping workshop

## 生產車間

PRODUCTION WORKSHOP



V-CUT車間  
V-CUT workshop



終檢綫  
Final inspection line



# MFG CTR

---

**Factory Area 18000 square meters**

**Employee 230**

**1L,2L,Multilayer PCB,MCPCB**

**Capacity 30000m<sup>2</sup> / month**



# MFG EQUIPMENT



CNC /Drilling



PTH



Plating line



PCB Lamination Line



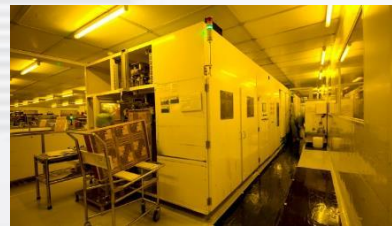
Auto Film Pasting Machine



Exposure Machine



CCD Exposure Machine



Auto Spraying



Auto Printing Press



Silkscreen



CNC Machine



PCB Cleaning Line



# Testing Equipment



AOI Testing



Auto Open and Short Test M/C



Flying Test Machine



Chemistry Lab.



PCB Slice Grinder



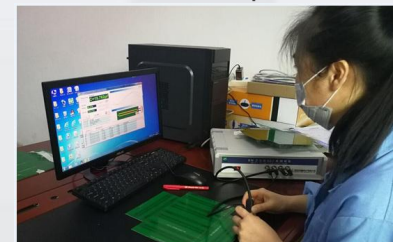
Microscope



Plating Thickness Test



Hi-pot Test



Impedance Tester



# Certificate

**ONLINE CERTIFICATIONS DIRECTORY**

For enhanced search functionality, please visit UL's [UL.com](#).  
Click on a product designation for complete information.

**Related Component**  
WingsPrinted-Ceey5

[View General Information for WingsPrinted-Ceey5](#)

**SHENZHEN YIFANG ELECTRONIC CO., LTD.**  
SOUTH ON THE 1ST FLOOR OF 5TH BUILDING  
NANGANG INDUSTRIAL ZONE OF DUNGANGU  
2ND COMMUNITY OF SHANGHAI ST. BAOAN  
SHENZHEN, GUANGDONG 518106 CHINA

| Card Width                                                                                                      |              |              |           |                                    |                                    |      |       |       |       |    |
|-----------------------------------------------------------------------------------------------------------------|--------------|--------------|-----------|------------------------------------|------------------------------------|------|-------|-------|-------|----|
|                                                                                                                 | Min          | Cond         | Min       | Area                               | Substr                             | Oper | Flame | UL796 | Notes |    |
| Type                                                                                                            | mm(in)       | mm(in)       | mm(in)    | mm <sup>2</sup> (in <sup>2</sup> ) | mm <sup>2</sup> (in <sup>2</sup> ) | C    | sec   | C     | Class |    |
| <b>Mass laminated (multi-layered) printed wiring boards.</b>                                                    |              |              |           |                                    |                                    |      |       |       |       |    |
| WP-4                                                                                                            | 0.08 (0.003) | 0.18 (0.007) | 17 (0.67) | 0.6                                | 90.8 (3.4)                         | 200  | 30    | 130   | V-0   | AB |
| <b>Multi-layer printed wiring boards.</b>                                                                       |              |              |           |                                    |                                    |      |       |       |       |    |
| WP-4                                                                                                            | 0.08 (0.003) | 0.18 (0.007) | 17 (0.67) | 0.6                                | 90.8 (3.4)                         | 200  | 30    | 130   | V-0   | AB |
| <b>Multi-layer printed wiring boards.</b>                                                                       |              |              |           |                                    |                                    |      |       |       |       |    |
| WP-4                                                                                                            | 0.08 (0.003) | 0.18 (0.007) | 17 (0.67) | 0.6                                | 90.8 (3.4)                         | 200  | 30    | 130   | V-0   | AB |
| <b>Single Layer Metal Base Printed Wiring Board, employing metal base laminate.</b>                             |              |              |           |                                    |                                    |      |       |       |       |    |
| WP-4                                                                                                            | 0.13 (0.005) | 0.20 (0.008) | 34 (1.34) | 55                                 | 10.8 (2.2)                         | 200  | 20    | 130   | V-0   | AB |
| <b>Single Layer Metal Base Printed Wiring Board, employing metal base laminate with flame only recognition.</b> |              |              |           |                                    |                                    |      |       |       |       |    |
| WP-4                                                                                                            | -            | -            | -         | -                                  | -                                  | -    | -     | -     | V-0   | -  |
| <b>Single layer printed wiring boards.</b>                                                                      |              |              |           |                                    |                                    |      |       |       |       |    |
| WP-2                                                                                                            | 0.08 (0.003) | 0.18 (0.007) | 17 (0.67) | 0.6                                | 90.8 (3.4)                         | 200  | 30    | 130   | V-0   | AB |

\* - CTI ratings is marked on individual boards

Company name or trademark "E320003" or trademark "UL" or file number and type designation may be followed to denote factory identification or burning test classification.

[Last Updated on 2013-11-18](#)

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UL Certificate

**IMPROVED CERTIFICATIONS**  
SEARCH TOOL REGISTER NOW!

ZPMV8.E320003  
Wiring, Printed Certified for Canada - Component

Click on a product designation for complete information.

[Page Bottom](#)

**Wiring, Printed Certified for Canada - Component**

**E320003**

**Card Width**

|                                                                                     | Min          | Cond         | Min       | Area                               | Substr                             | Oper | Flame | UL796 | Notes |    |
|-------------------------------------------------------------------------------------|--------------|--------------|-----------|------------------------------------|------------------------------------|------|-------|-------|-------|----|
| Type                                                                                | mm(in)       | mm(in)       | mm(in)    | mm <sup>2</sup> (in <sup>2</sup> ) | mm <sup>2</sup> (in <sup>2</sup> ) | C    | sec   | C     | Class |    |
| <b>Single Layer Metal Base Printed Wiring Board, employing metal base laminate.</b> |              |              |           |                                    |                                    |      |       |       |       |    |
| WP-2                                                                                | 0.13 (0.005) | 0.20 (0.008) | 34 (1.34) | 55                                 | 10.8 (2.2)                         | 200  | 20    | 130   | V-0   | AB |
| <b>Single layer printed wiring boards.</b>                                          |              |              |           |                                    |                                    |      |       |       |       |    |
| WP-2                                                                                | 0.08 (0.003) | 0.18 (0.007) | 17 (0.67) | 0.6                                | 90.8 (3.4)                         | 200  | 30    | 130   | V-0   | AB |

\* - CTI marking is optional and may be marked on the printed wiring board.

Recognized Component Mark for Canada, **E320003**. May be followed by a suffix to denote factory identification or

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C UL Certificate

**环境管理体系认证证书**  
证书编号: 16931E2016 5R05

盖 证 明

统一社会信用代码: 9 1440300789843013N

注册地址: 中国 = 深圳南 宝安区新得胜路二村园庄村二路 17 号 9 楼  
邮政编码: 518200

生产地址: 中国, 广东省深圳市宝安区沙井街道新二村工业区 (邮政编码: 510005) 经营地址  
中国 - 广东省深圳市宝安区沙井街道新二村工业区 (邮政编码: 510005)

CAT / T 24001-2016/18014001:2015《环境管理体系要求及使用指南》

通过认证范围:

线路板的生产和销售所涉及的相关环境管理活动

有效期: 2023 年 03 月 29 日  
主 任: 赵志峰

中煤协联合认证(北京)中心  
北京市朝阳区安立路 5 号 5 层 505 室

**CAC** **IAF** **CNAS**

本证书符合国家规定的各行政许可, 获证方可在有效期内使用有效  
证书通过国家质量监督检验检疫总局, 与中煤协联合认证(北京)中心  
按照《认证证书管理办法》的规定, 获证方可在有效期内使用有效  
认证证书可在本机构网站 [www.cacnet.org.cn](http://www.cacnet.org.cn) 上查询  
也可向国家认证认可监督管理委员会官方网站 [www.cnca.gov.cn](http://www.cnca.gov.cn) 上查询

ISO 14001 Certificate

## Lead Time

| Product Type<br>产品类别 | Samples<br>样品 |             | Mass Production<br>量产 |             |
|----------------------|---------------|-------------|-----------------------|-------------|
|                      | Normal (常规)   | Urgent (加急) | Normal (常规)           | Urgent (加急) |
| Single Layer         | 4             | 3           | 7 ± 1                 | 6 ± 1       |
| Double Layer         | 6             | 5           | 10                    | 8           |
| 4 Layers             | 9             | 7           | 16                    | 11          |
| 6 Layers             | 12            | 8           | 18                    | 13          |
| 8 Layers             | 18            | 14          | 30                    | 23          |
| 10 Layers            | 20            | 16          | 35                    | 26          |



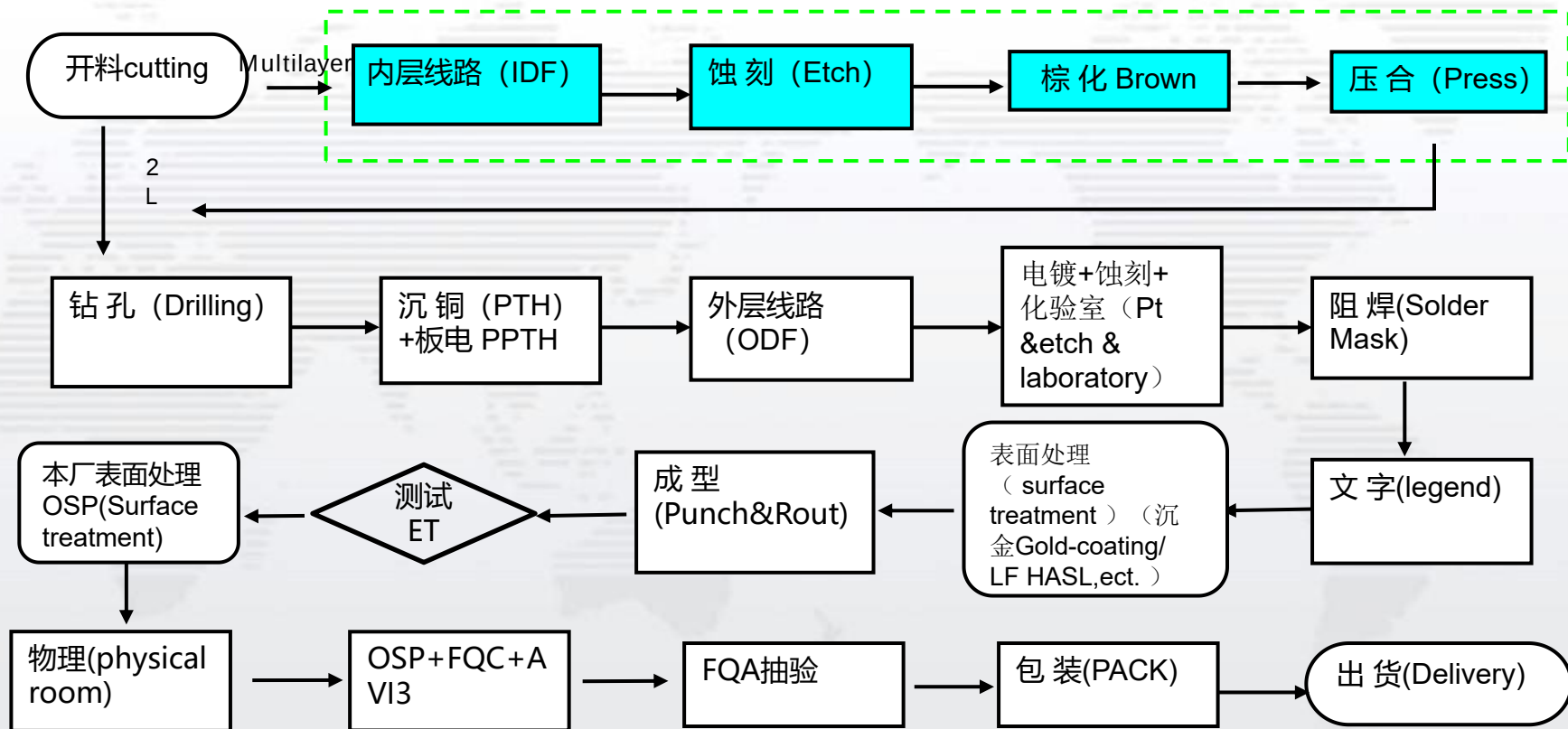
# PCB Manufacturing Capabilities

## Capabilities

|                       |                                                                           |                               |          |
|-----------------------|---------------------------------------------------------------------------|-------------------------------|----------|
| Layer                 | 1-36                                                                      | Min PCB thickness (2 Layers ) | 0.3mm    |
| Max Panel Size        | 635×1120mm                                                                | Min PCB thickness(Multilayer) | 0.4mm    |
| Max Copper thickness  | 4 oz                                                                      | Min inner layer thickness     | 0.1mm    |
| Min Tracing           | 0.1mm                                                                     |                               |          |
| Min Spacing           | 0.1mm                                                                     | Min Hole Location tolerance   | ±0.075mm |
| Min Hole diameter     | 0.20mm                                                                    | Min Hole diameter tolerance   | ±0.075mm |
| Bow and twist         | ≤ 0.75%                                                                   | Min outline tolerance         | ±0.10mm  |
| Impedance Tolerance   | +/-10%                                                                    | Graphic alignment tolerance   | ±0.075mm |
| hole copper thickness | 25um                                                                      |                               |          |
| Surface Treatment     | LF HASL,HASL,ENIG,OSP,Immersion Silver,Gold finger                        |                               |          |
| Raw material          | FR-4,High TG FR-4,Halogen-Free FR-4,heavy copper FR-4,Aluminum PCB        |                               |          |
| Stander Leadtime      | 2L 5 calendar days,mass 7-10 days,24L-36L samples 12 days,mass 12-16 days |                               |          |

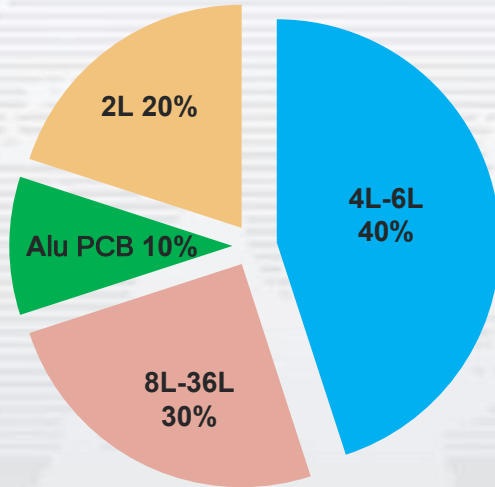


# Standard Process Flow





# Production



Aluminum PCB **10%**

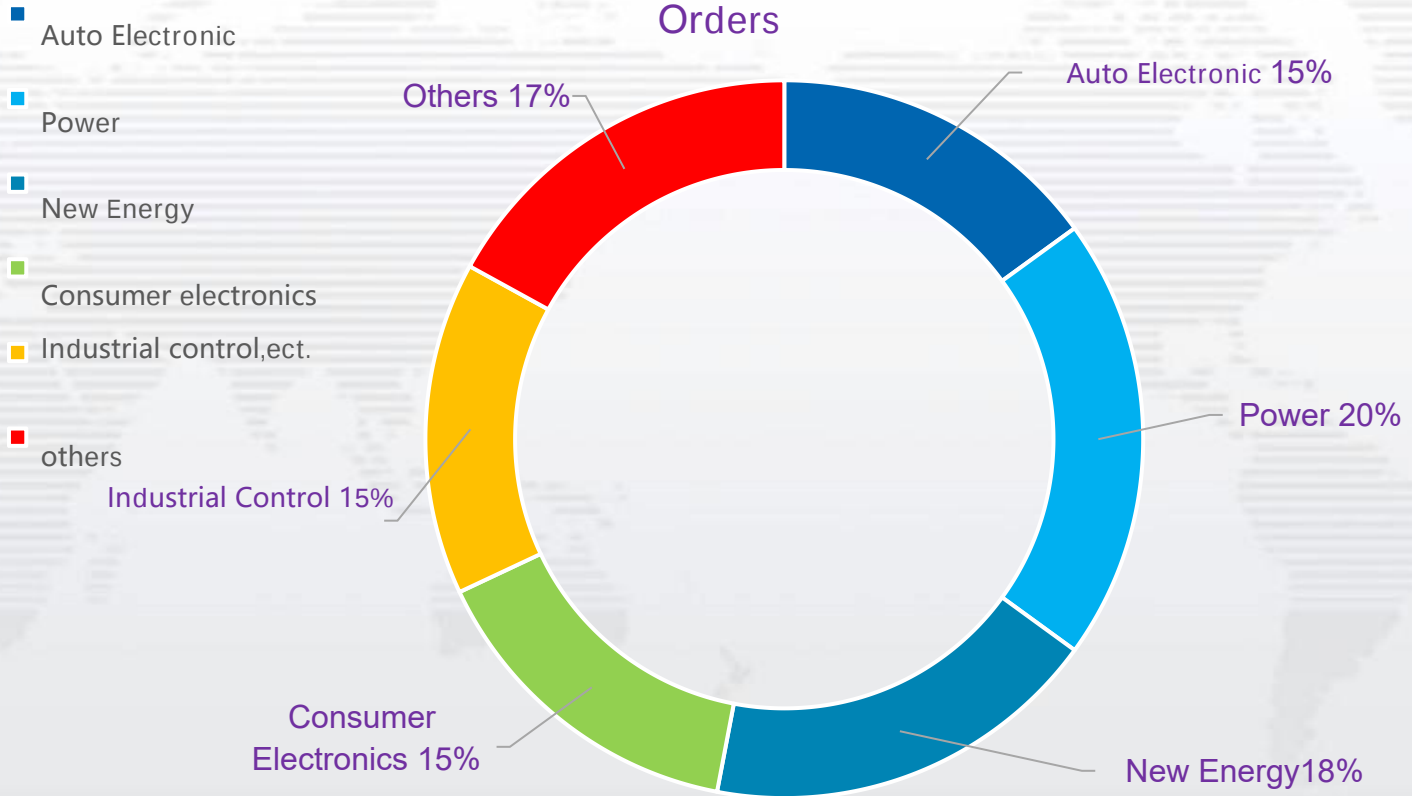
2L **20%**

4L-6L **40%**

8L-36L **30%**



# Product Categories





## Main partners

### LED Lighting



### Industrial Control



### Auto Electronic



### Consumer Electronics

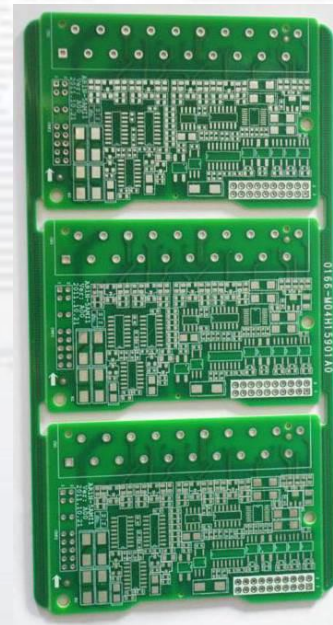
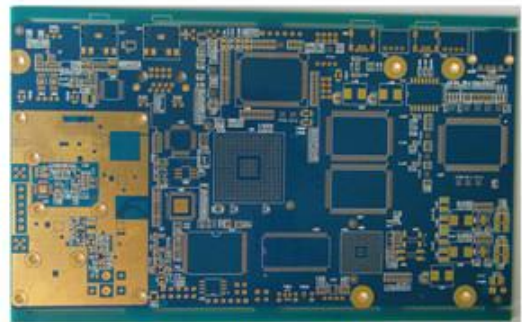


### Medical& Others





# Production



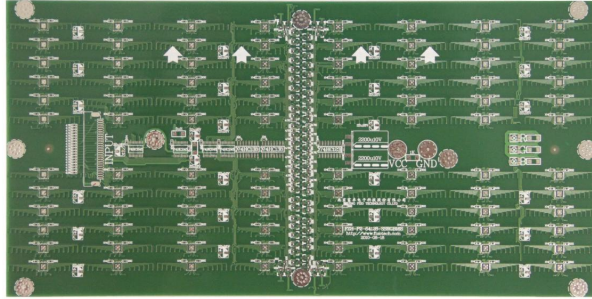
## Industrial Control

Industrial control PCB characteristics: heavy copper, the hole copper thickness more than 25U '

Application products: frequency converters, UPS power supplies, robots, cutting and welding machines, high-speed railway equipment, etc.

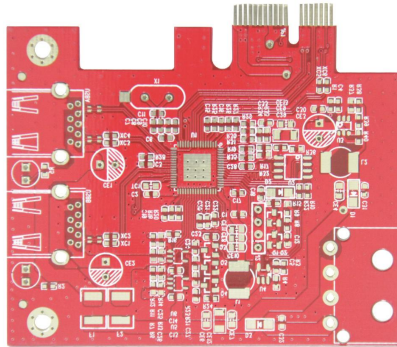


# Production



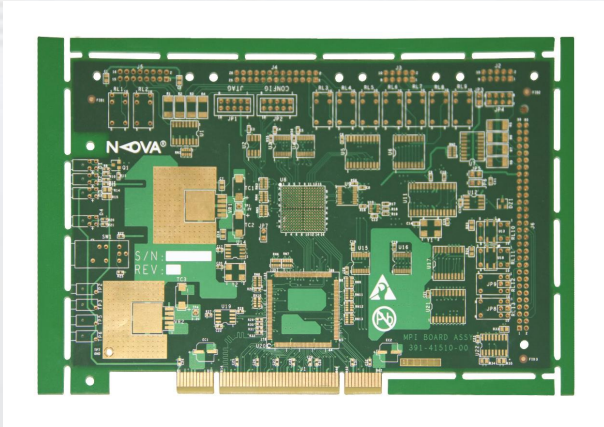
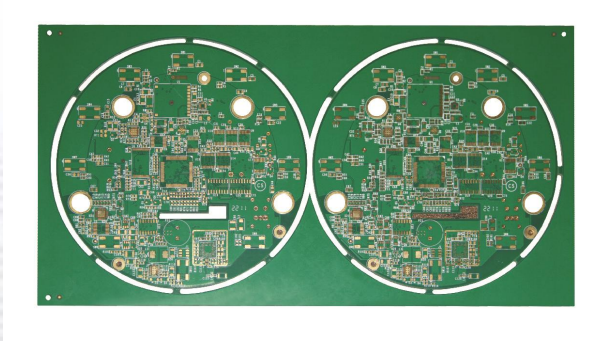
## Communication

Communication PCB features: blind buried vias ,  
HDI, impedance control, half holes, metal edging, precision circuits  
Application products: routers, mobile phone boards, tablets ect.





# Production



## Digital security

Security PCB features: precision circuitry, impedance control, high hole density, small aperture ratio

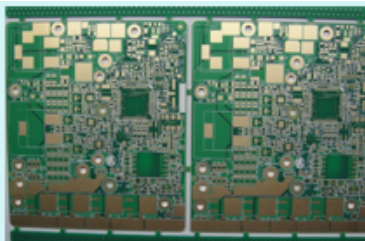
Application products: video monitors, cameras, NVR. ect.



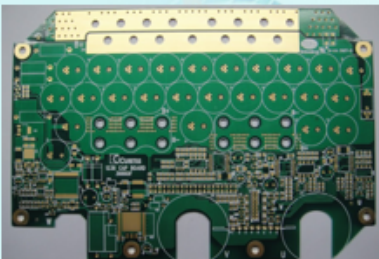
# Production



**Aluminum PCB for LED**

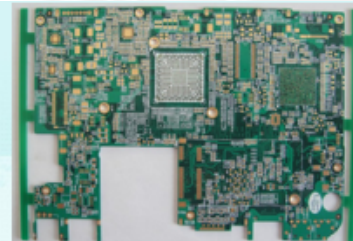


**四层太阳能(树脂塞孔)线路板  
4 layers ENIG**

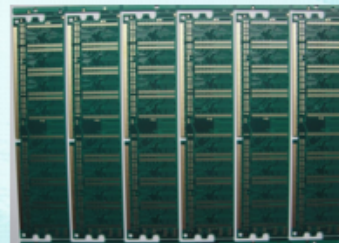


**四层内、外层5OZ厚铜线路板  
4 layers 5 OZ**

**Multilayer PCB**



**六层平板电脑主板线路板  
6 layers For PC**



**八层内存条线路板  
8 layers Computer memory board**

**Multilayer PCB**



# European and India Wipro Customers

From: [redacted] Fazio <a.fazio@[redacted].it>

To: sales <sales@scmcpcb.com>

Time: 2017年7月19日 (周三) 16:05

Size: 361 KB

Just receive now !!!

TOP !!!!!!! Very thanks!!

CHIUSURA ESTIVA 2017 : Dal 27/07 al 21/08 compresi

Cordiali Saluti/Best Regards/ Mit freundlichen Grüßen

[redacted] Fazio



CIRCUITI STAMPATI - LED - ELETTROVALVOLE - ELETTROPOMPE  
REGOLATORI DI LIVELLO - PRESSOSTATI - CAVI CON SPINA - CABLAGGI  
DISTRIBUTORI ESCLUSIVI PER IL MERCATO ITALIANO

**ELECTRO  
TERMINAL**

TEL. 039/6058464 - 02/84073831  
info@[redacted].group.it www.[redacted].group.it  
DEPOSITO: VIA I MAGGIORE CAVENAGO BRIANZA 20873 (MB)



Produzione Circuiti Stampati  
Pannelli Power LED  
Cablaggi e Assemblaggi Elettromeccanici

TEL. 029/[redacted]  
info@[redacted].it www.[redacted].it  
VIA I MAGGIORE CAVENAGO BRIANZA 20873 (MB)



Equipment, Coffee and Food  
40th International Hospitality Exhibition

MC PCB enquiry > Inbox x



[redacted]@wipro.com

Translate to Chinese

Dear John,

Pls find herewith attached Gerber Data of LED P  
Laminate to be use , MCPCB -2mm thick copper

Go through Gerber Data if any query pls revert.

Kindly share the best quotation.

Regards,

from: [redacted]@wipro.com

to: john.dong740@gmail.com

cc: [redacted]@wipro.com,

[redacted]@wipro.com

[redacted]@wipro.com

[redacted]@wipro.com

date: Apr 29, 2017, 1:30 PM

subject: MC PCB enquiry

mailed-by: wipro.com

> Important mainly because of the people in the conversation.



# European and India VVDN Customers

**BW [REDACTED] Ltd sent you**  
**\$690.60 USD.**

Note from BW [REDACTED] Ltd:

“ SC20200109BW19164 ”

Transaction Details

Transaction ID: 4L293066CD240820E January 10, 2020

---

Payment amount received **\$690.60 USD**

---

|              |                     |
|--------------|---------------------|
| Fee          | \$30.69 USD         |
| <b>Total</b> | <b>\$659.91 USD</b> |

**Real [REDACTED]** 2024-02-01 14:38 Hide Detail

To john.dong740, sales, john

From: [REDACTED] vvdntech.in>

To: john.dong740<john.dong740@gmail.com>, sales<sales@scmcpcb.com>, john<john@scmcpcb.com>

Time: 2024年2月1日 (周四) 14:38 🕒

Size: 6 MB

📎 V1\_0\_Power\_board Gerber.... (3 MB) 📎 V1\_0\_IO\_Board Gerber.zip (2 MB)

Dear Team,

Good day!  
Hope you're doing good.

Kindly provide your aggressive quote for the attached Gerber file, Quote required for 20K Quantity.

Project Details:-

Project Name : MFG- Control Unit  
End product / Application : ECU  
Project Stage : [REDACTED]  
Production Qty : 20,000  
Production Date : [REDACTED] 2024  
Design Location : Customer Design  
End Customer : NDA

With Best Regards,  
[REDACTED]

VVDN Technologies Pvt Ltd  
Cell : +91-8 [REDACTED]  
Web: [www.vvdntech.com](http://www.vvdntech.com)

RE: GHP-1v0 ★

**Ramzy**

发给 SALES@SCMCPCB.COM

发件人: **Ramzy** <ramzy@scmcpcb.com>

收件人: SALES@SCMCPCB.COM <SALES@SCMCPCB.COM>

时间: 2022年3月29日 (周二) 12:44 🕒

大小: 23 KB

Is this price includes the stencil and shipping ?

**Kind Regards**

**Ramzy**

Phone: (02) 9824 1111 | Fax: (02) 9824 1111

Mob: 0433 411111

2/12 Moorebank, NSW 2170

[ramzy@scmcpcb.com](mailto:ramzy@scmcpcb.com)

[www.scmcpcb.com.au](http://www.scmcpcb.com.au)



# Development Vision



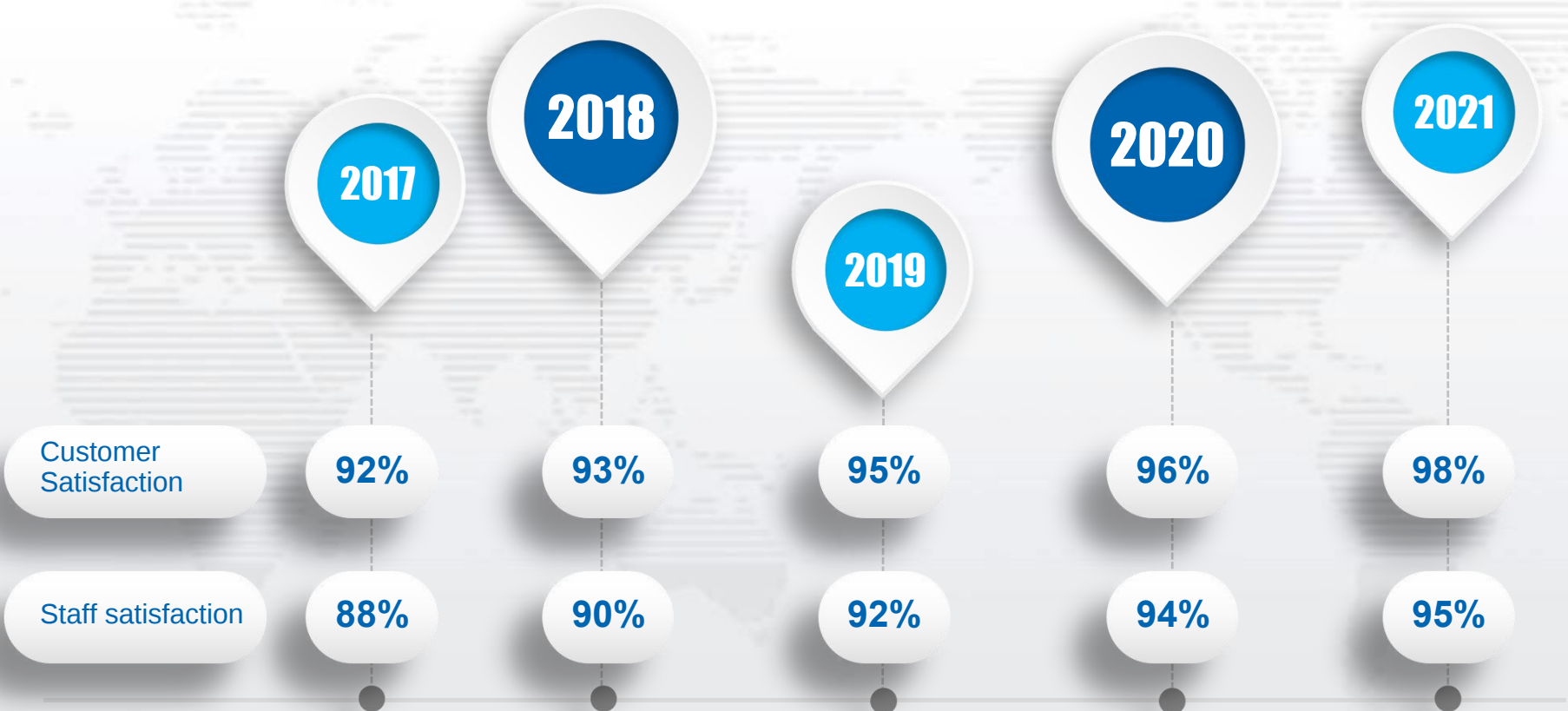


## Operational Development Goals

| Items                          | 2020   | 2021   | 2022   | 2023   | 2024   |
|--------------------------------|--------|--------|--------|--------|--------|
| Annual sales<br>(RMB/million)  | 135    | 152    | 165    | 180    | 200    |
| Annual Profit<br>(RMB/million) | 12     | 12.7   | 14     | 17     | 18.7   |
| Monthly Capacity(sq m)         | 28,000 | 30,000 | 32,000 | 34,000 | 36,000 |
| On-time Delivery<br>Rate       | 93%    | 95%    | 96%    | 97%    | 98%    |
| Average Layers                 | 10/L   | 12.3/L | 16.6/L | 20.8/L | 24.2/L |



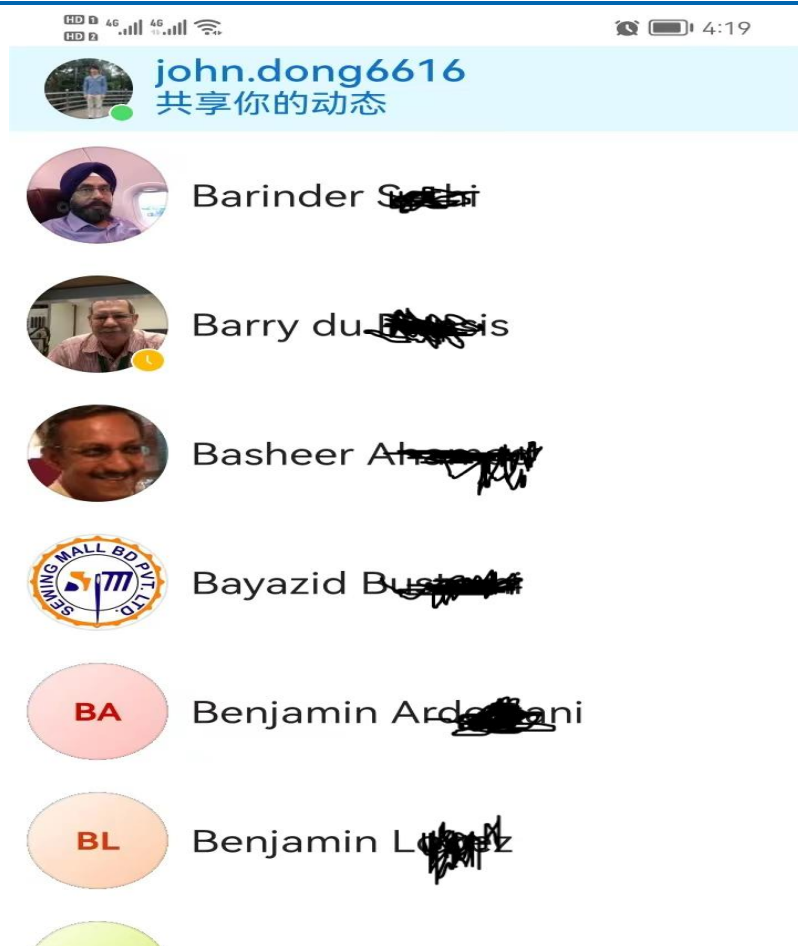
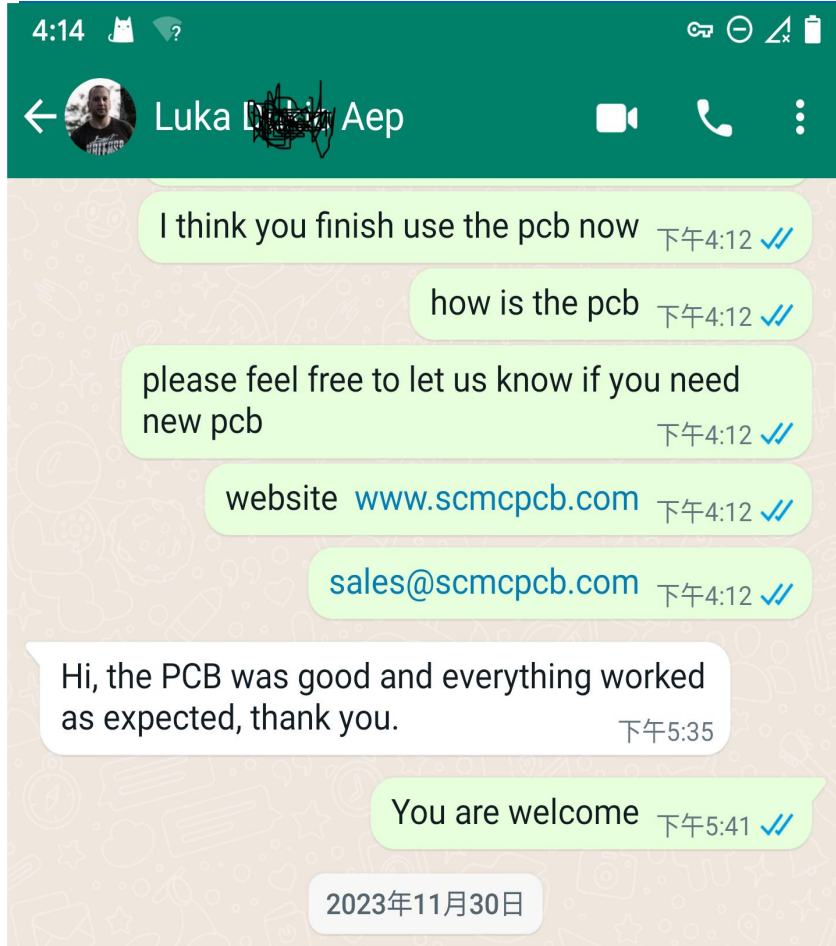
# Development Competitiveness Plan







# Communications with clients





Thank

you