

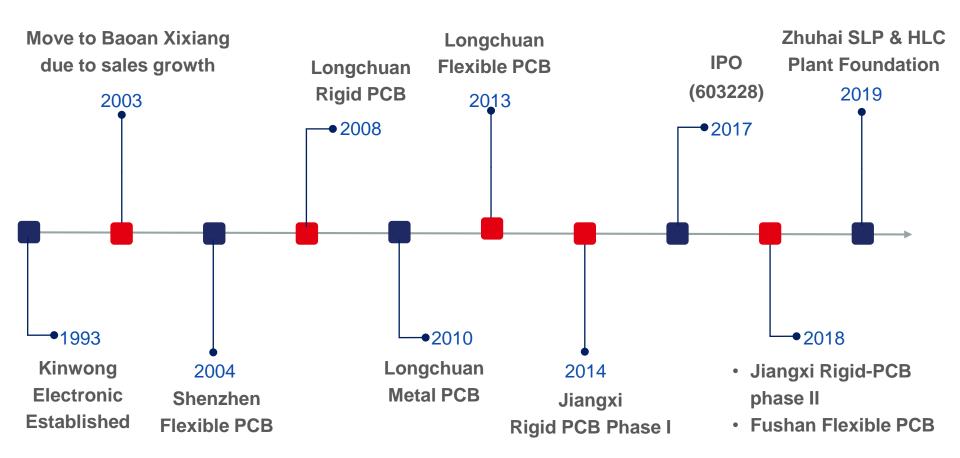
Kinwong

To become the most reliable printed circuit board manufacturer in the world.

Stock Code: 603228

















WW HQ SZ

Manufacturing Sites

- SZ Shenzhen
- LC Longchuan
- JX Jiangxi
- ZH Fushan & Gaolangang

Sales Office

- HK Hongkong
- KS Kunshan
- FZ Fuzhou
- TW Taiwan
- EA Korea-Incheon

FAE&BD Office

- EA Japan-Tokyo
- EU Germany-Munich UK-Clitheroe
- NA US-Salt Lake City US- San Jose US-Virginia
 - MX-Guadalajara

Circuit Connects the World, Internet of Everything



4 Manufacturing Sites Locations



JX Site (On the North of SZ)

- 630km to SZ site, takes 8 hours by car.
- 76km to Jinggangshan Airport, takes 1 hour by car.



Fushan: 170km to SZ site and

takes 2.6 hours.

Gaolangang: 192km to SZ site,

takes 2 hours and 50 mins.



Fushan Gaolangang



290km to SZ site, takes 4 hours

OLC Site (On the North of SZ)

by car.

Longchuan



SZ Site

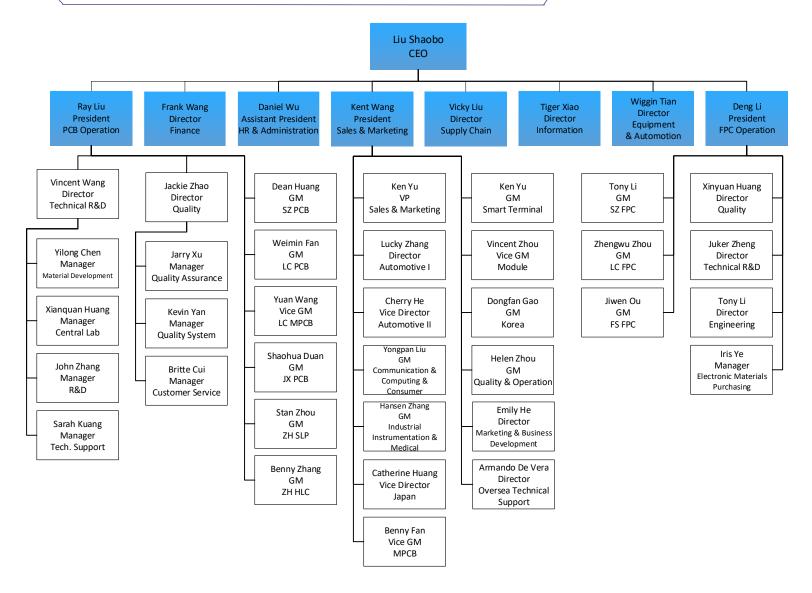
- 18km to SZ airport, takes
 20 mins by car.
- 70km to HK airport, takes 2 hours by car.

Shenzhen



Corporate Organization Chart KINWONG







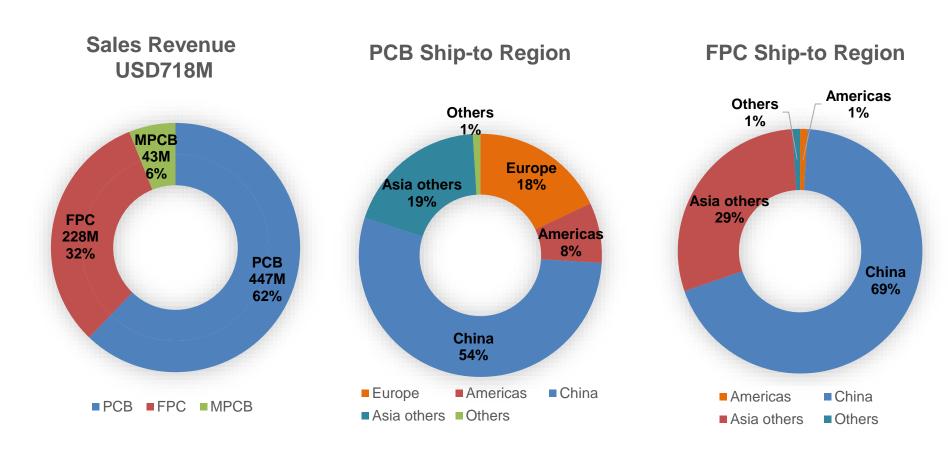


^{*} CAGR over 20% in the past 10 years, growth achieved by stable quality, competitive price and passion to service.

Note: The Revenue is only for main business not including other business revenue with USD13.4M.







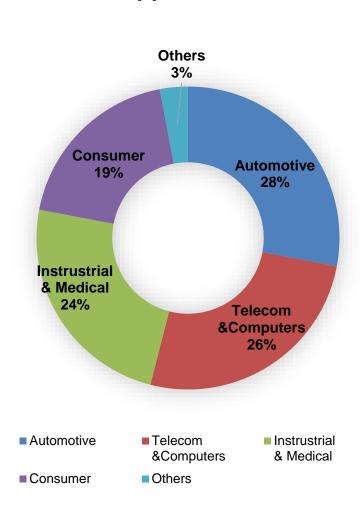
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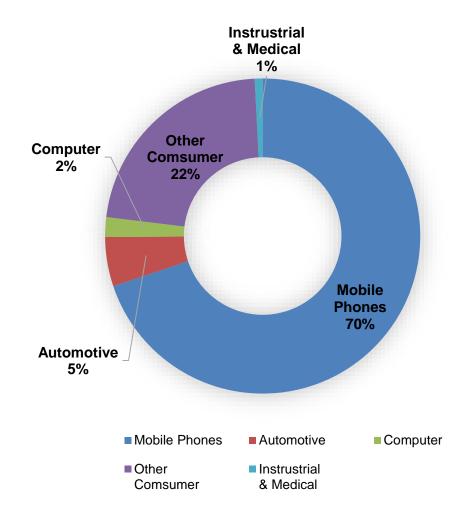




PCB application in 2019

FPC application in 2019







Four Production Sites (SZ, LC, JX, ZH)



Plant Area



50,000 m²

SZ Kinwong

- Headquarter
- · PCB Division & FPC Division
- Monthly capacity: PCB63,000 m², FPC25,000 m²
- Employee: 2,000+



230,000 m²

LC Kinwong

- · Subsidiary in Heyuan, South China's Guangdong Province.
- Three product lines: PCB, FPC, MPCB
- Monthly capacity: PCB100,000 m², FPCB 80,000 m², MPCB40,000 m²
- Employee: 3,580+



240,000 m²



- Subsidiary in Ji'an, east China's Jiangxi Province
- JX PCB Division, world-leading intelligent PCB factory
- Monthly capacity: PCB290,000 m² in 2019,(390,000 m² in 2020)
- Employee: 2500+



85,000 m² (F4-1)

ZH Kinwong Fu Shan

- Subsidiary in Zhuhai, Guangdong Province
- · Fushan FPC Division
- Monthly capacity: 40,000 m² FPC
- Employee: 1200



150,000 m²

Gaolangang

- Subsidiary in Zhuhai, Guangdong Province
- High Layer Count & SLP factories are under construction and plan to start production in early of 2021
- Monthly capacity: 100,000 m² PCB (High Layer Count), 50,000 m² SLP



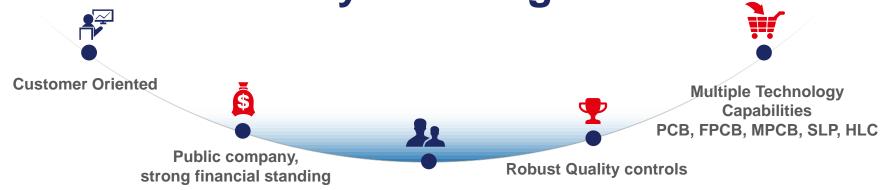
Four Production Sites Product Types



Loca tion	BU	Monthly Capacity	РСВ	FPC	M- PCB	R- Flex	HDI	HLC	RF	Copper Inlay	Module/ Substrate /SIP	FPCA	Factory Specialty
SZ	РСВ	63,000 m²	Ø			Ø	Ø	Ø	•				Low Volume, various product technology, special base material, unique processing; Rigid-flex, High Frequency, high layer count heavy copper and HDI covers application field of automotive, telecommunication, industry control, power supply and medical products etc.
	FPC	FPC: 25,000m ² FPCA: 10KK		Ø		Ø						•	Use for Display Module, Touch Screen, Automobile, Industrial Control, UAV, Electronic Cigarette, Smart Home, Medical Industry.
	PCB	100,000 m²	•						•				Middle & Large Volume; Multi-layer board, applied in telecommunication, power supply, automotive and industrial.
LC	FPC	FPC: 80,000m ² FPCA: 60KK		Ø		Ø						Ø	Middle & Large Volume; Use for Automobile, Display Module, Touch Screen, Smartphone, LED backlight, Electronic Cigarette, TWS.
	MPCB	40,000 m²			Ø					•			Middle& Large Volume, Dedicated to thermal management solutions applied in new energy automotive, automotive lighting, power module and other lighting.
JX	PCB	390,000 m²							•				Large volume normal FR-4 boards; Widely applied in automotive, consumer and telecommunication and etc.,.
	Fu Shan FPC	FPC: 50,000 m ² FPCA: 40KK		Ø		•						•	Large volume; Use for Medical Industry, Wireless Charging, Touch Screen, Automobile, TWS, Smart Home, Display Module, 5G etc.
ZH	Gao Langang HLC	100,000 m²					Ø		0				Large Volume; Dedicated on high layer count, widely applied in telecommunication, network, server, storage and automobiles.
	Gao Langang SLP	50,000 m²					Ø				•		Large Volume; Dedicated to SLP, applied in telecommunication, consumer products.



Why Kinwong?



Professional support at strategical locations

Kinwong Core Values Strong financial management

Real time technical and quality support

Received many outstanding awards from major customers

9 Facilities in 4 Manufacturing sites





Technical Capability and Roadmap



Automotive-Development Trend & KW Technical Solution





- High Power High Voltage
- High Current
- •Thermal Management Solution

Cu/Aluminum-based IMS

- √ Cu Pedestal
- ✓ High Thermal Conductivity
- ✓ Excellent thermal performance
- √ Good electrical performance

Heavy Copper

- ✓ Less Thermal Stress
- √ Max. 6oz base Cu UL recognized

Cu/AIN Inlay

- √ "I","T","U"-shaped Cu Coin
- ✓ Max. ±30um height performance





- Higher Transmission Rate
- Lower Loss

High Frequency Millimeter Wave Radar

- ✓ HC/PTFE-based Raw Material
- √ Hybrid | Blind Via
- ✓ High Accuracy Copper Image Pattern (±15um)
- √ High Layer Registration(±5mil)



- ✓ 2+N+2
- ✓ 0.65mm BGA Pitch (Better in 2021 Zhuhai Factory)
- ✓ 60um/60um Trace Width/Spacing





More Feature-rich Last Longer

- **▶** Longer Finger Pitch length (>100mm)
- Surface Finish: ENIG
- ▶ Drill Hole Min. 0.1mm, Laser Blind Via Min. 0.05mm
- ▶ Min. Trace Width/Spacing of 45um/45um
- ▶ Impedance Control



High Heat Resistance • High Power

- ▶ FPC Length more than 1000mm
- ▶ Copper Thickness > 2 OZ
- ▶ 3D Stiffener Assemble
- ▶ Conformal Coating for Component





High Speed ● **Super Transmission Rate** ● **Lower Loss**

High Layer Count

- √ Large Panel Size
- ✓ Small Hole Backed Drilled
- ✓ POFV
- √ Skip Via
- √ Impedance Control
- ✓ Insertion Loss



Optical Module

- ✓ ENIG/ENEPIG+G/F
- ✓ High Speed Material
- √ Hybrid
- √ HDI | N+N | Cavity
- ✓ Cu Inlay
- √ Segmented/Graded G/F
- √ Tight Size Tolerance

Antenna

- ✓ 2L~4L
- ✓ High Frequency Material
- ✓ Hybrid
- ✓ Cavity
- ✓ Strict RF Trace Tolerance





TRX/PA/Base Band/Backplane

- ✓ Large Size
- ✓ Back drilling
- ✓ POFV
- ✓ Half-plated Hole
- ✓ Edge Plating

Consumer Product-Development Trend & KW Technical Solution

KINWONG

- High Density Small Hole Size
- High Capacity
- Light & Thinner &Much More Mini



HDI

- ▶3+N+3
- ▶ Anylayer (Zhuhai 2021)
- **▶** SLP (Zhuhai 2021)
- ▶ mSAP (Zhuhai 2023)
- ▶ amSAP (Zhuhai 2023)
- ▶ Min. Trace Width/Spacing of 30um/30um
- ▶ Stack Via/Stagger Via/Step Via
- ▶ Min. Board Thickness of 0.2mm

5G Cellphone



5G Antenna FPC 5G Transmission Line FPC

- ▶ PTFE/LCP/MPI-based Material
- ▶ 3L~4L
- Laser Drilled Blind Via
- Copper Filled Via
- ▶ Impedance Control
- ▶ Insertion Loss Control
- ▶ Signal Simulation
- ▶ 3D SUS Stiffener

UAV



UAVs FPC

- ▶ L1~6L
- ▶ Drill Hole min. 0.1mm, Laser Blind Via min. 0.05mm
- Min. Trace Width/Spacing of 45um/45um
- Surface Finish: ENIG & ENEPIG & OSP
- ▶ Impedance Control
- ▶ 3D SUS Stiffener



Long Term Reliability ● High Stability

Rigid-Flex

- **▶** ENIG/LF HASL/OSP
- Max.16L
- ▶ Max. 6L Flexible Layer Count
- ▶ Flexible Area with Different Layer Count
- CVL at Rigid
- **HDI**
- Gold Finger Design
- Dispensing
- ▶ ±10% Impedance Control





- Max. 2L Bendable Layer
- ▶ Bending Area Thickness 0.25mm±0.05mm
- ▶ Bending Angle 0~180°

Portable ● Miniaturized ● Intelligent

Rigid-flex

- ▶ Bendable and 3D assembly for small size
- ▶ Middle/High Tg Base Material
- Soldermask Plugging







Technology items	2020	2021	2022			
Max.Layer Count	18L	24L	32L			
Max. Delivery Panel Size	594*699mm	620*950mm	620*950mm			
Min.Core Excl.Cu Thickness	0.075mm	0.05mm	0.05mm			
Final Board Thickness	0.4~3.6mm	0.4~4.5mm	0.4~5.0mm			
Min.Inner Layer Trace Width/Spacing	0.076mm/0.076mm	0.06mm/0.06mm	0.06mm/0.06mm			
Min.Outer Layer Trace Width/Spacing	0.076mm/0.076mm	0.065mm/0.076mm	0.065mm/0.076mm			
Min.Mechanically Drilled Hole Size	0.2mm	0.15mm	0.15mm			
Min.Laser Drilled Hole Size	0.1mm	0.1mm	0.1mm			
Max.Aspect Ratio for Mechanically Drilled Through Hole	12:1	18:1	20:1			
Max.Aspect Ratio for Laser Drilled Blind Via	0.8:1	1:1	1:1			
HDI Type	3+N+3	3+N+3	3+N+3			
Soldermask Registration	+/-0.05mm	+/-0.040mm	+/-0.040mm			
Min.Soldermask Dam	0.075mm	0.05mm	0.05mm			
Min. BGA Pitch	0.65mm	0.5mm	0.40mm			
Depth Control Routing Tol.	±0.10mm	±0.05mm	±0.05mm			
Min.Single-ended Impedance Tol.	+/-10%	+/-8%	+/-8%			
Min.Differential Impedance Tol.	+/-10%	+/-8%	+/-8%			
Surface Finish	LF HASL, HASL, ENIG, Immers	sion Tin, Immersion Ag, OSP, Go	old Finger, ENEPIG			
Base Material	General Tg, Middle Tg, High Tg, Haolgen Free, High Frequency(Low Dk/Df), High Speed (Middle/Low/Very Low/Ultra Low Loss), High Thermal Conductivity, High CTE and so on.					





Technolo	gy items	2020	2021	2022
Finished Board Thickness		0.05~0.8mm	0.05~0.8mm	0.05~0.8mm
Min.Laser Drilled Hole Size	e	Ø0.05mm	Ø0.05mm	Ø0.035mm
Min.Mechanical Drilled Ho	le Size	Ø0.1mm	Ø0.1mm	Ø0.1mm
Max.Mechanical Drilled Ho	ole Size	Ø6.3mm	Ø6.3mm	Ø6.3mm
Min.Trace Width/Spacing		0.045mm/0.045mm	0.045mm/0.045mm	0.035mm/0.035mm
Min.Annular Ring of Single	e/Double-sided Borard	0.1mm(Panel Plating) 0.125mm(Button Plating)	0.1mm(Panel Plating) 0.125mm(Button Plating)	0.1mm(Panel Plating) 0.1mm(Button Plating)
Min.Inner Layer Annular R	ing of Multi-layer Borard	0.125mm	0.125mm	0.1mm
Min.Outer Layer Annular R	Ring of Multi-layer Borard	0.1mm(Panel Plating) 0.125mm(Button Plating)	0.1mm(Panel Plating) 0.125mm(Button Plating)	0.09mm(Panel Plating) 0.125mm(Button Plating)
Min.Coverlay Bridge		0.3mm	0.3mm	0.3mm
Min.Soldermask Opening		0.3mm	0.3mm	0.25mm
Min.Single-ended Impedar	nce Tolerance	$\pm 8\%$	\pm 7%	±6%
Min.Differential Impedance	e Tolerance	$\pm 8\%$	$\pm 7\%$	$\pm 7\%$
Min.Coverlay Opening		Ø0.5mm	Ø0.5mm	Ø0.5mm
wiin.Coverlay Opening		0.5mm*0.5mm	0.5mm*0.5mm	0.5mm*0.5mm
Coverlay Registration	Manul Alignment	±0.1mm	±0.1mm	±0.1mm
Coverial Registration	Fixture	±0.1mm	±0.1mm	±0.1mm
	Flex Board	6L	6L	8L
	Stratified Board	6L	6L	6L
Max.Layer Count	Rigid-flex Board	8L	10L	12L
	Rigid-flex Board HDI	8L	10L	12L
Surface Finish		Gold Plating、ENIG、OSP、	ENIG+OSP、Gold Plating+0	OSP、Gold Plating+ENIG



MPCB Technology Roadmap



Techn	ology items	2020	2021	2022	
Max. Layer Count		6L	8L	8L	
Max. Delivery Pan	el Size	500*740mm	500*740mm	500*740mm	
Metal Base Thickn	iess	0.5~4.0mm	0.5~4.0mm	0.5~4.0mm	
Min. Dielectric Thi	ckness	0.038mm	0.038mm	0.038mm	
Min. FR4 Core Thi	ckness excl.Cu	0.1mm	0.075mm	0.075mm	
		±15% (Width≥0.15mm)	±30um (@1oz)	±30um (@1oz)	
Etching Tolerance		±20% (Width < 0.15mm)	±40um (@2oz)	±40um (@2oz)	
			±50um (@3oz)	±50um (@3oz) ±15% (>3oz)	
			±15% (>3oz)		
•	race Width/Spacing	0.1mm/0.076mm	0.076mm/0.076mm	0.076mm/0.076mm	
Min. Outer Layer T	race Width/Spacing	0.1mm/0.076mm	0.076mm/0.076mm	0.076mm/0.076mm	
Min. Drilled Hole	Aluminum Base	0.55mm (≥1/2 of board thickness)	0.55mm (≥1/2 of board thickness)	0.55mm (≥1/2 of board thickness)	
Size	Copper Base	0.60mm (≥3/4 of board thickness)	0.60mm (≥3/4 of board thickness)	0.60mm (≥3/4 of board thickness)	
Drilling Hole Tolera	ance	+ 0.05/-0mm	+ 0.05/-0mm	+ 0.05/-0mm	
Puching Hole Tole		+ 0.03/-0mm	+ 0.03/-0mm	+ 0.03/-0mm	
Min.Counter-sink	1/3/5 Series Aluminum	0.6mm	0.6mm	0.6mm	
Hole	6 Series Aluminum Base/Copper Base	0.8mm	0.8mm	0.8mm	
Countersink Hole	Depth Tolerance	±0.05mm	±0.04mm	±0.03mm	
Soldermask Regis		±0.04mm	±0.04mm	±0.04mm	
Breakdown Voltag		6KVAC	6KVAC	6KVAC	
Metal Base Type			se, Stainless Steel Base, Iro		
T/C(Thermal Cond	luctivity)	D5470: 1-3W/m.K T0220: 1-8W/m.K	D5470: 1-3W/m.K T0220: 1-12W/m.K	D5470: 1-3W/m.K T0220: 1-12W/m.K	
Surface Finish		OSP, ENIG, Immersion Ag,	Immersion Tin, HASL, LF H	ASL, ENEPIG, Ag Plating	



Zhuhai HLC Technology Roadmap KINWONG



Technology items	2021	2022	2023			
Layer count (max)	24	32	40			
Working panel size (max)	24.5"*37.5" (620mmX950mm)	24.5"*37.5" (620mmX950mm)	24.5"*37.5" (620mmX950mm)			
Board thickness (max)	4.0mm	4.0mm	5.0mm			
Min Line W/S	I/L: 2.5mil/2.5mil O/L: 4mil/4mil(POFV)	I/L: 2.5mil/2.5mil O/L: 3.5mil/4mil(POFV)	I/L: 2.0mil/2.0mil O/L: 3.5mil/3.5mil(POFV)			
Min DHS(mil)	6mil	6mil	6mil			
Aspect ratio (by drill bit)	18:1	20:1	22:1			
Min core thickness	2mil	2mil	1mil			
Overall layer registration	5mil	5mil	5mil			
Impedance tolerance	+/-8%	+/-7%	+/-5%			
Back drill stub	2-10mil	2-10mil	2-8mil			
POFV	Yes	Yes	Yes			
Skip-via(L1-3)	No	Yes	Yes			
N+N	Yes	Yes	Yes			
Embedded Coin	Yes	Yes	Yes			
Embedded capacitor	No	Yes	Yes			
Mid loss: TU862HF,IT-170GRA1,EM828G,M2,S7040G; Low loss: M4/M4S, S7439, TU872SLK, IT958G, NPG-170D, TU863+, I-speed, EM888S; Very low loss: M6, IT968,TU883, Synamic 6, EM891, EM528,Meteorwave1000/2000,I-Tera; Ultra low loss: M7NE, TU933+, Synamic 6N,EM890K,Meteorwave3000/4000,Tachyon100G						
High Frequency Material	Ceramic: RO4350B,S7136H,RO4 PTFE: TC350,RO3003,TLX	730G3,Aerowave300				



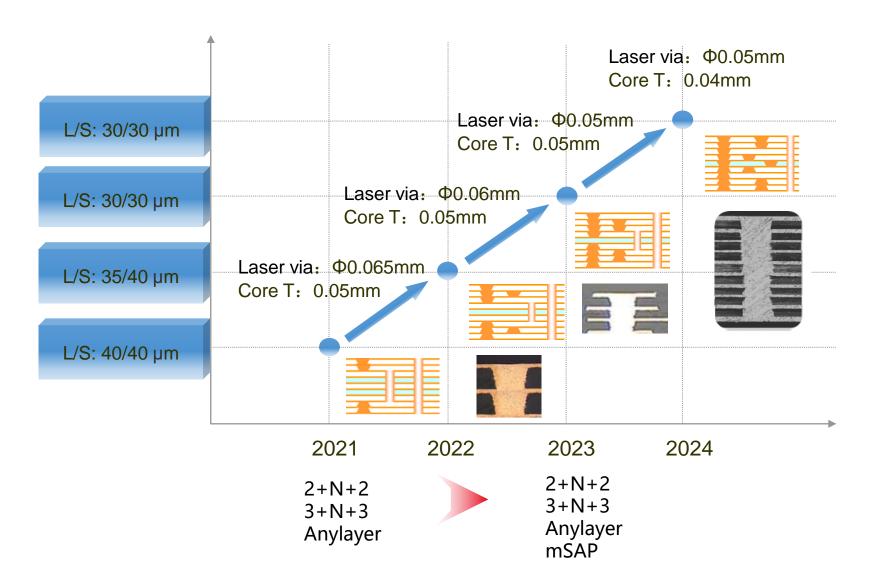
Zhuhai HLC_HDI Technology Roadmap KINWONG



Technology items	2021	2022	2023		
Layer count (max)	24	28	32		
HDI Structure	3+N+3	3+N+3	3+N+3		
Working panel size (max)	24.5"*28.5" (620X720mm)	24.5"*28.5" (620X720mm)	24.5"*28.5" (620X720mm)		
Min Line W/S	I/L: 2.5mil/2.5mil O/L: 4mil/4mil(POFV)	I/L: 2.5mil/2.5mil O/L: 3.5mil/4mil(POFV)	I/L: 2.0mil/2.0mil O/L: 3.5mil/3.5mil(POFV)		
Board thickness (max)	3.5mm	4.0mm	5.0mm		
Min DHS	6mil	6mil	6mil		
Aspect ratio	18:1	20:1	22:1		
Min Microvia size & Aspect ratio	4mil&0.8:1	4mil&1:1	3mil&1:1		
Min core thickness	2mil	2mil	1mil		
Overall layer registration	5mil	5mil	5mil		
Impedance tolerance	+/-8%	+/-7%	+/-5%		
Back drill stub	2-10mil	2-10mil	2-8mil		
Copper fill	Yes	Yes	Yes		
POFV	Yes	Yes	Yes		
Skip-via(L1-3)	No	Yes	Yes		
Embedded Coin	Yes	Yes	Yes		
Embedded capacitor	NO	Yes	Yes		
High-speed Material	Mid loss: TU862HF,IT-170GRA1,EM828G, S7040G; Low loss: M4S, S7439, IT958G, TU863+, EM888S; Very low loss: M6, IT968, Synamic 6, EM891, EM528,Meteorwave1000/2000; Ultra low loss: M7NE, TU933+, Synamic 6N,EM890K,Meteorwave3000/4000				









Zhuhai SLP Technology Roadmap KINWONG



Category	Technology Item	2021	2022	2023			
	Max. Layer Count	14	14	14			
Structure	Technology	2+N+2 3+N+3 Any layer	2+N+2 3+N+3 Any layer	2+N+2 3+N+3 Any layer mSAP			
	PNL Size	18"X24.5", 20"X24.5", 21.5"X24.5",					
Board	Min. Core Thickness	50µm	50μm	40µm			
Thickness	PP Type	1027	1027	1017			
Circuit	Min. L/S	40μm/40μm	35μm/40μm	30µm/30µm			
Formation	Copper Thickness	12µm	12μm	15µm			
Inter Connection	Micro Via (Via Diameter/pad)	65μm/140μm	60μm/120μm	50μm/110μm			
Solder	Min. S/M Dam	45µm	40μm	35µm			
Mask	S/M Registration	20µm	1 5μm	15µm			
CNC	Routing	±100μm	±75μm	±75μm			
Dk		3.4	3.2	3.0			
Df		0.011	0.008	0.003			
Material Availal	hility	EM-285, EM-370(5), S11	50G, IT-150G, IT-168G, IT-170G	RA1, EM-355 (D)			
material Availal	Omity	/ EM-390, E-78G, RA555, EM-526, EM528K, R5575					





JiangXi Operational Excellence and Zhuhai New Plant







Quality, Cost and Efficiency Come from the Perfect Process Layout!

Quality

- Chemical Analysis On-line
- Parameter Collection
- Copper THK and board THK test On-line
- Traceability by Lot
- Smart Warehouse



- Electricity and water dose monitor
- Energy saving system



- Board Cutting Trimming Rounding –Cleaning Baking
- Inner Layer Pretreatment Coating –Exposure DES Brown Oxidation
- Pressing PP Cutting Pre-lay Composing Lamination Decomposing
- AGV Logistics



JiangXi Intelligent Manufacturing

KINWONG



Realize material FIFO

2

Dynamic inventory with real time control

3

EBS seamless interfaced with smart warehouse

The application of smart warehouse ensures the speed and accuracy of data input in all aspects of warehouse management, realizing FIFO and quality assurance of raw materials.







Concentration : On line chemical analysis, Autodosing system can add or adjust.

Lot Control & Traceability

CCD reading code

CCD reading code to identify product info in whole process

- 2

Capture code after product cleaning finished

Stack by lot No.# and date code

-3

Capture code before Packaging

Distinguish lot No.# and date code

Realize lot management in the whole PCB process by on line reading code and classification system, which can avoid different product mixed, and same product but in different date code mixed when shipping.



Adjust the route flexibly according to requirement

2

Order with Reasonable distribution

Reduction of scratch caused by handling

AGV logistics can make the transportation in high-efficiency, transferring the raw materials/semi-finished products to production line at beginning process, then end process to WIP or finished product warehouse, and the material output after sorting, which can reduce the possibility of handling, as well as the scrap.











HLC(High Layer Count)

Capacity planning: 100Km²/Month

Equipment Installation and Full Process Trial Run

Jan, 2021

Ramp up Plan Km²/Month

2021.4	2021.12	2022.6	2022.12
20	50	70	100

SLP (Substrate Like PCB)

Capacity planning: 50Km²/Month

Equipment Installation and Full Process Trial Run

May 2021

Ramp up Plan Km²/Month

2021.6	2022.3	2022.9	2023.9
10	20	36	50

^{*} Remark: HLC and SLP buildings were roofed on Jul 11, 2020.

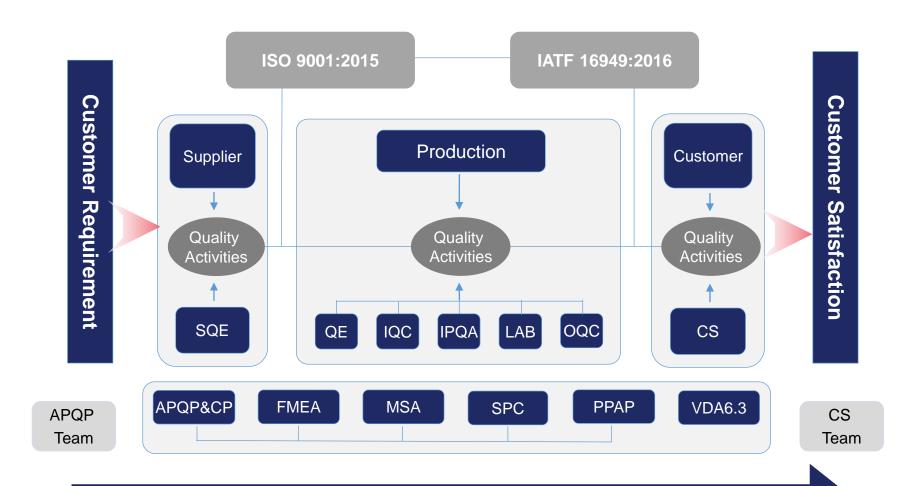




Quality System and Laboratory Equipment





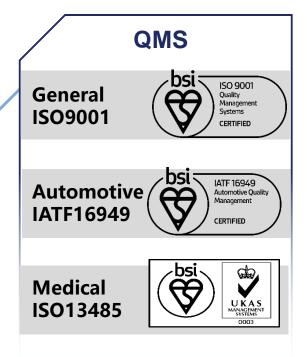


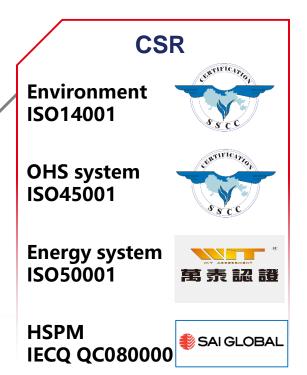
Continuous Improvement Approach

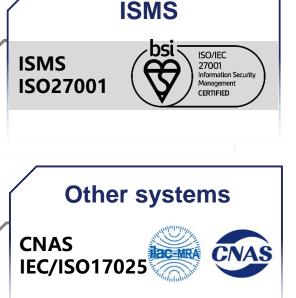




Kinwong System Management











Plant	ISO9001: 2015 Quality	IATF16949: 2016 /TS16949 Automotive	2016 Medical	ISO27001: 2013 ISMS	IECQ QC080000: 2017 HSPM	ISO14001: 2015 EMS	ISO45001: 2018	GB/T23331- 2012 Energy	GB/T23001- 2017 I&I	ISO/IEC17025: 2017 CNAS
Shenzhen										
Original Registration Date	2006-5-18	2006-4-20	2015-11-2	2019-12-25	2016-1-5	2008-12-24	2009-10-16	2018-12-20	2019-1-8	2017-1-3
Longchuan										
Original Registration Date	2008-7-6	2008-7-6	2019-5-22	2019-12-25	2014-3-11	2008-7-14	2013-4-22			
Jiangxi										
Original Registration Date	2014-9-8	2015-6-8	2018-11-1	2019-12-25	2015-7-14	2014-8-29	2016-1-4			
Zhuhai										
Original Registration Date	2017-9-14	2017-9-14			2016-5-27	2019-6-29				



Central Lab - ISO17025/CNAS Certification





CAF Test System



On-line Thermal Shock



SEM+EDS



Laser Scanning **Confocal Microscope**



Vector Netlist Analysis + Dk & Df Test System



DMA



TMA





Part of the customer awards and Vendors







- 2020 Huawei HiSilicon FPC Best Supplier Quality Assurance Award
- 2019~2015 ♦ Hella Best Supplier
 - 2019 Plexus Supplier Excellence
- 2019~2018 ◆ Sungrow Excellent Quality
 - 2018 Logitech Social and Environmental Responsibility performance
 - 2018 ♦ HiRain Best Supplier
 - 2018 ♦ Artesyn Best Vendor
- 2018~2014 ♦ Honeywell Best Supplier
 - 2018 TIANMA Excellent Quality
 - 2017 ♦ Huawei Quality Excellence Award
- 2017&2015 **♦** IMI Best Supplier
 - 2017 VIVO Quality Award
 - 2017 ♦ DSBJ Supplier Excellence
 - 2017 O-film Best Service







HUNTSMAN

Enriching lives through innovation







- Environmental rule & law compliance,
 Reduce cost & waste
- Keep cleanness & safety production
- Continuous improvement on environmental protection

 Contribute to the environmental protection and the sustainable development of human society.



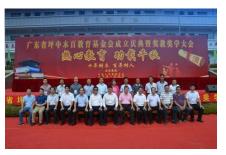




Kinwong Business Philosophy

- People foremost
- Manufacturing competitive products
- Expanding the enterprise
- Repaying the society.

Kinwong participates in social charities on a routine basis, which ranges from financial donations for education, civil donations that help them build bridges and repair roads, and helping the elderly and children via young people volunteering their time and care.











THANKS

To become the most reliable printed circuit board manufacturer in the world.