



**UNIWELL**

COMPANY PROFILE



# We are Uniwell Electronic Ltd.

A professional printed circuit board (PCB) manufacturing company and a comprehensive product solutions provider.

Specialized in SS, DS to 10L & Aluminum PCB.



# Our Mission & Core Values



## Reliability Through Partnership

become most reliable strategic partner in  
the industry



## Integrity & Continuous Improvement

integrity, stability with long-term vision,  
seek for continuous improvement to  
improve operational cost



## CSR Integration & Ethical Practices

integrate corporate social responsibility  
into our decisions and practices

# Our Strengths



## Communication

- provide a full range of the best optimization & process solution
- open communication internally & externally



## Quality

- excellent quality management system with effective training and experienced operators



## Teamwork

- experienced management
- effective coordination & cooperation



## Service

- flexible logistic arrangement
- strong customer support
- competitive pricing
- one stop shop

# Our Capacity

MONTHLY CAPACITY (SQUARE METERS PER MONTH)



Source: Uniwell internal data 2024

Uniwell Electronic Ltd Proprietary and confidential. Do not distribute.

# Our Capability

## Panel

- SS 510\*630mm
- DS 558\*635mm
- ML 546\*622mm
- Aluminum 546\*622mm

## Hole

- Size 0.15mm
- Tolerance: PTH +/- 0.075mm, NPTH +/- 0.025mm

### Aluminum:

- Size 0.15mm
- Tolerance: +/- 0.025mm

## Line

- 3.0 mil / 3.0 mil
- Copper Thickness 1/3 - 4oz
- Register Tolerance +/- 0.05mm

### Aluminum :

- 4.0 mil / 4.0 mil
- Copper Thickness 1/3 - 2oz
- Register Tolerance +/- 0.05mm

## Solder Mask

- S/Dam 0.07mm
- S/Opening 0.03mm
- Register Tolerance +/- 0.05mm
- S/Plug  $\leq$  0.6mm

### Aluminum :

- S/Dam 0.1mm
- S/Opening 0.05mm
- Register Tolerance +/- 0.05mm

## Finishing

### In-House:

- ENIG: Ni 2.5-8.0  $\mu$ m, Au 0.025-0.075  $\mu$ m
- OSP 0.2-0.5  $\mu$ m

### Outsource:

- Gold Plate 0.0075-0.02  $\mu$ m
- LFHAL  $\geq$  1.0  $\mu$ m
- Im Tin  $\geq$  1.0  $\mu$ m
- Im Silver 0.8 - 1.0  $\mu$ m

## Outline

- Profile Tolerance +/- 0.10mm
- V-cut Angle tolerance +/- 5°
- Core Thickness +/- 0.05mm

## Package

- 330\*275\*220mm
- 330\*230\*260mm
- 270\*260\*230mm
- 270\*230\*260mm

## Final Product

- Thickness Tolerance +/- 10%
- Warpage Tolerance  $\geq$  0.75%

## Shipment

- Ex-works Factory
- FOB Sea HK
- FCA Air HK
- Courier

# Our Factory

## Dongguan Uniwell Electronic Ltd.

Total investment: USD10,000,000

Staff: 400

Areas (sq. meter)	
Land	11,500
Plant	7,000
Office	1,000



# Factory Workshop Introduction

Products:

SS, DS to 10L & Aluminum PCB

Manufacturing:

Low Mix High Volumes

Medium Volumes

Certificates:

ISO9001, ISO14001, TS16949



# Factory Workshop



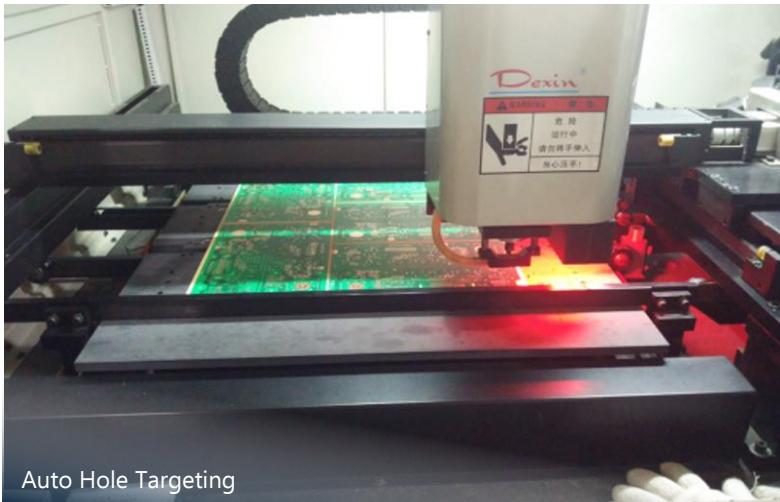
Plating Line



Auto Developing



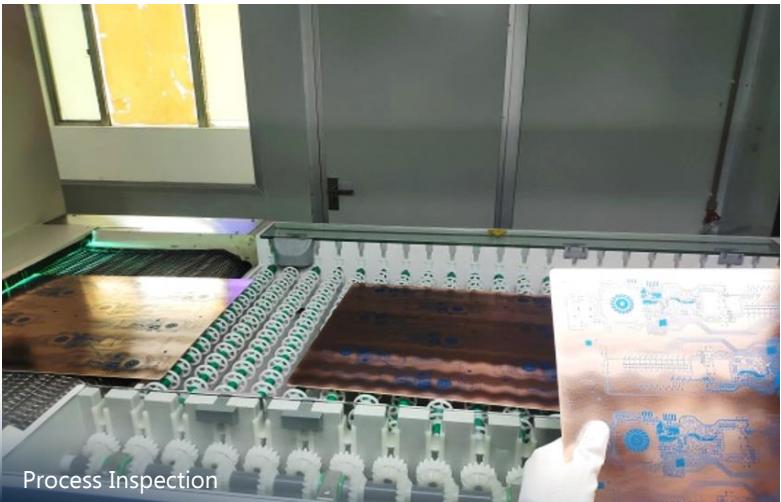
Auto Hole Inspection



Auto Hole Targeting



Flying Probe Tester



Process Inspection

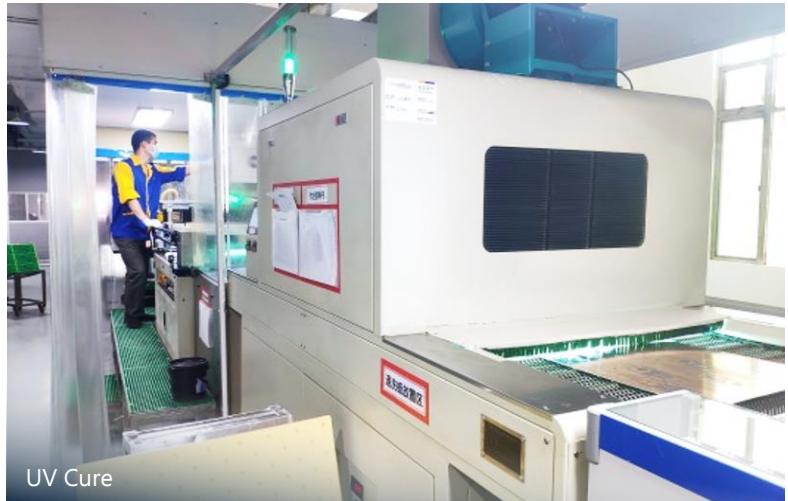
# Factory Workshop



LDI Photo Exposure



Automatic SS Line (2)



UV Cure



Auto Silk Screen Printing



Solder Mask Inspection



SS Auto Etching Line

# Factory Workshop



DS Copper Tin Etching Line



AVI machine



Laboratory



High Temp Oven

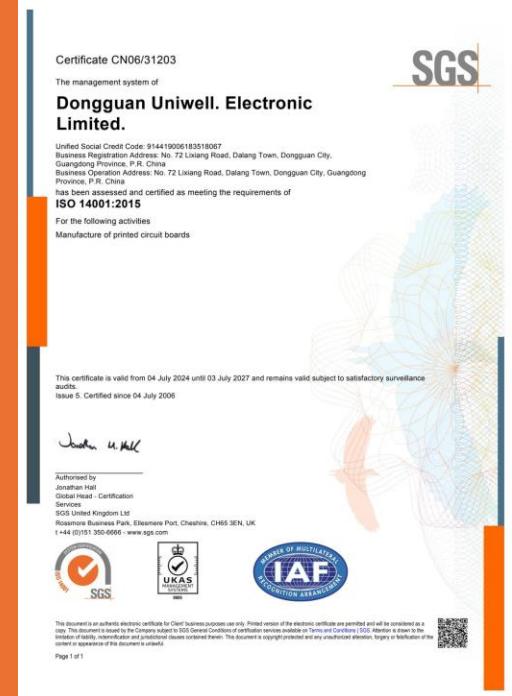
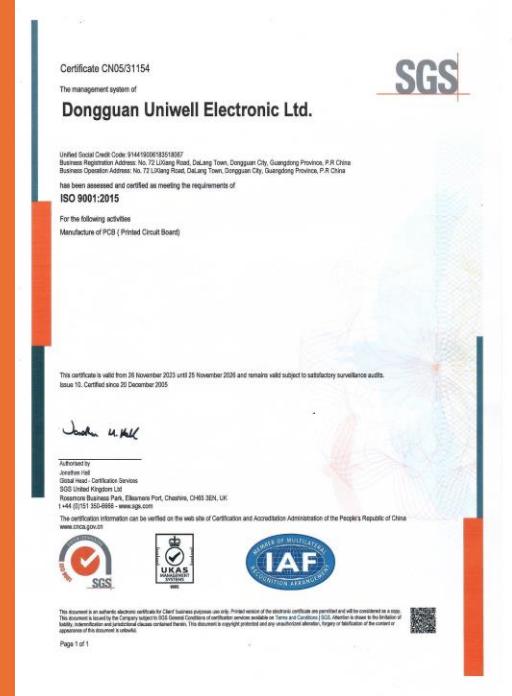
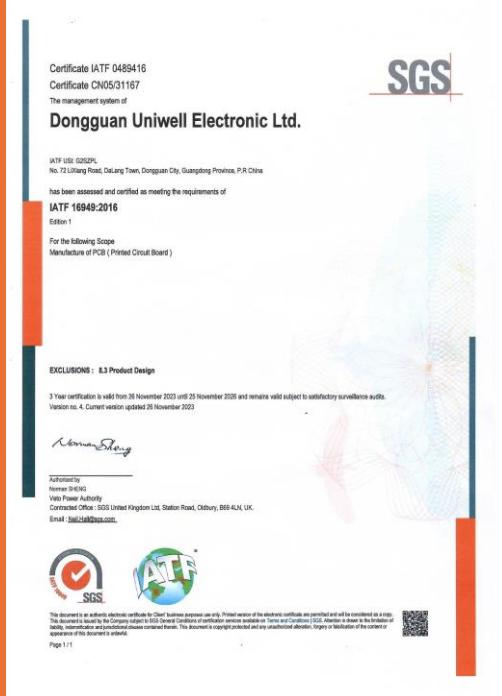


Auto Inkjet Printing



Auto Unloading

# Quality & Certifications



**IATF 16949:2016**  
Quality Management System

**ISO 9001:2015**  
Quality Management System

**ISO 14001:2015**  
Environmental Management System

**CQC Certificate**

# Quality & Certifications

2023/2/4 ZPMV2.E134826 - Wiring, Printed - Component | UL Product iQ

**UL Product iQ®**

ZPMV2.E134826 - Wiring, Printed - Component

Wiring, Printed - Component

**UNIWELL ELECTRONIC LTD**  
Unit E, 8th Fl  
World Tech Centre  
95 How Ming St  
Kwun Tong  
Kowloon, Hong Kong

**E13482**

Type	Cond Width		Max		Report		Max		Meets C
	Min	Cond	SS/ Area	Date	Surface	Assembly	Solder	Solder	
	Min	Edge	Thk	DS/ Diam	After	Mount	Process	Process	
mm	mm	mic	DSO	mm	2022-01-01	Technology	Temp °C	Cycles	UL796 T
<b>Multilayer printed wiring boards</b>									
U-2M	0.11	0.17	17 Int:34	DS	25.4	No	-	-	260 10 130 V-0 All *
U-DHM	0.12	0.15	17 Int:102	DS	50.8	No	-	-	288 20 130 V-0 All 4
U-HM	0.08	0.08	17 Int:102	DS	76.2	No	-	-	288 20 130 V-0 All *
U-M	0.11	0.17	17 Int:34	DS	25.4	No	-	-	260 10 130 V-0 All *
<b>Single Layer Metal Base printed wiring boards</b>									
U-L	0.15	0.19	34	SS	76.2	No	-	-	288 10 90 V-0 All -
U-L1 (ASP 1)	0.14	0.155	17	SS	50.8	Yes	Yes	260 2	- 140 V-0 All 0
<b>Single layer printed wiring boards</b>									
U-01	0.18	0.18	34	SS	23.5	No	-	-	260 15 105 HB All *
U-02	0.18	0.18	34	SS	23.5	No	-	-	260 10 105 HB All *

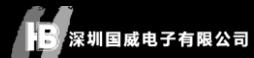
UL  
Underwriters Laboratories

<b>U-03</b>	0.28	0.6	34	DS	25.4	No	-	-	-	260	10	130	HB	▲	*
<b>U-03A</b>	0.28	0.76	34	DS	25.4	No	-	-	-	260	10	105	HB	All	*
<b>U-04</b>	0.1	0.3	34	SS	25.4	No	-	-	-	260	10	105	V-0	All	*
<b>U-06</b>	0.3	0.73	34	DS	12.7	No	-	-	-	265	15	105	V-0	All	*
<b>U-06A</b>	0.3	0.73	34	DS	12.7	No	-	-	-	260	15	105	V-0	All	*
<b>U-08</b>	0.13	0.48	34	SS	25.4	No	-	-	-	260	10	130	V-0	▲	*
<b>U-08A</b>	0.18	0.25	34	DS	51.2	No	-	-	-	260	10	105	V-0	All	*
<b>U-09</b>	0.25	0.76	34	DS	25.4	No	-	-	-	274	20	130	V-0	All	*
<b>U-09A</b>	0.25	0.76	34	DS	25.4	No	-	-	-	260	10	130	V-0	All	*
<b>U-10</b>	0.25	0.76	34	DS	25.4	No	-	-	-	260	20	130	V-0	All	*
<b>U-13</b>	0.2	0.3	17	DS	25.4	No	-	-	-	288	20	130	V-0	All	*
<b>U-D</b>	0.2	0.3	17	DS	25.4	No	-	-	-	260	10	130	V-0	All	*
<b>U-D1 (ASP 1)</b>	0.12	0.12	17	DS	50.8	Yes	Yes	245 2	-	-	130	V-0	All	*	
<b>U-DH</b>	0.25	0.75	17 Int:0	DS	25.4	No	-	-	-	260	10	130	V-0	All	3
<b>U-DT</b>	0.07	0.25	17	DS	76.2	No	-	-	-	288	20	120	V-0	All	*
<b>X-11</b>	0.18	0.18	34	SS	23.5	No	-	-	-	260	10	105	HB	All	*
<b>Single layer printed wiring boards, flammability only Recognition</b>															
<b>U-08B</b>	-	-	-	DS	-	No	-	-	-	260	10	-	V-0	-	-

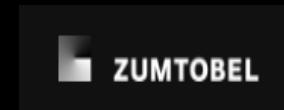


# Our Collaborations with Domestic and Global Customers

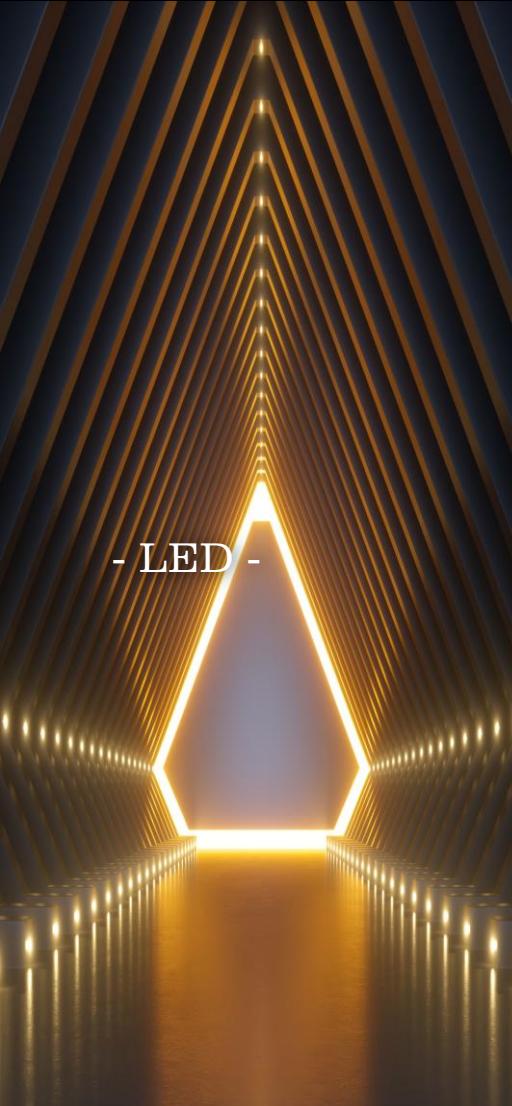
## Mainland Customers



## Overseas Customers



# Customers of Different Markets



# Approved Materials

KB 建滔集團有限公司  
KINGBOARD HOLDINGS LIMITED

生益科技  
SYTECH



WAZAM  
华正新材

广东龙宇新材料有限公司  
GUANGDONG LONGYU NEW MATERIALS CO., LTD.

Eternal

H 航宇新材  
HANGYU NEW MATERIAL

TAMURA

CMC

K 廣信材料  
KUANGSHUN

# Target Focus

Quality, pricing, and service are the core strengths that set us apart. These three important pillars remain the foundation for our success and drive growth of our diverse customer base.

## Competitive Pricing

Competitive and transparent pricing models that deliver maximum value to our customers without compromising on quality.



## Quality

Unwavering commitment to customer satisfaction, we ensure product excellence through rigorous manufacturing, quality assurance, and comprehensive testing.



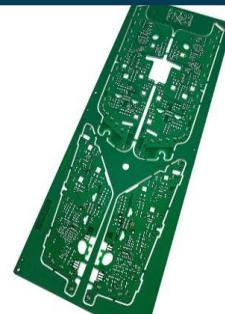
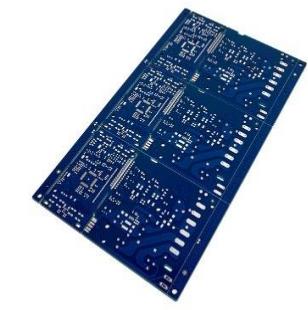
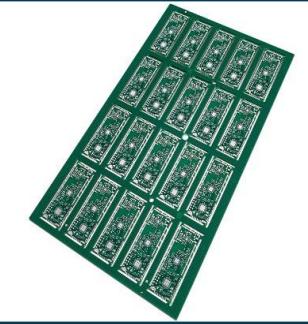
TARGET  
FOCUS

## Reliable Support

Streamlined logistics and responsive customer support to ensure timely delivery and hassle-free experiences.

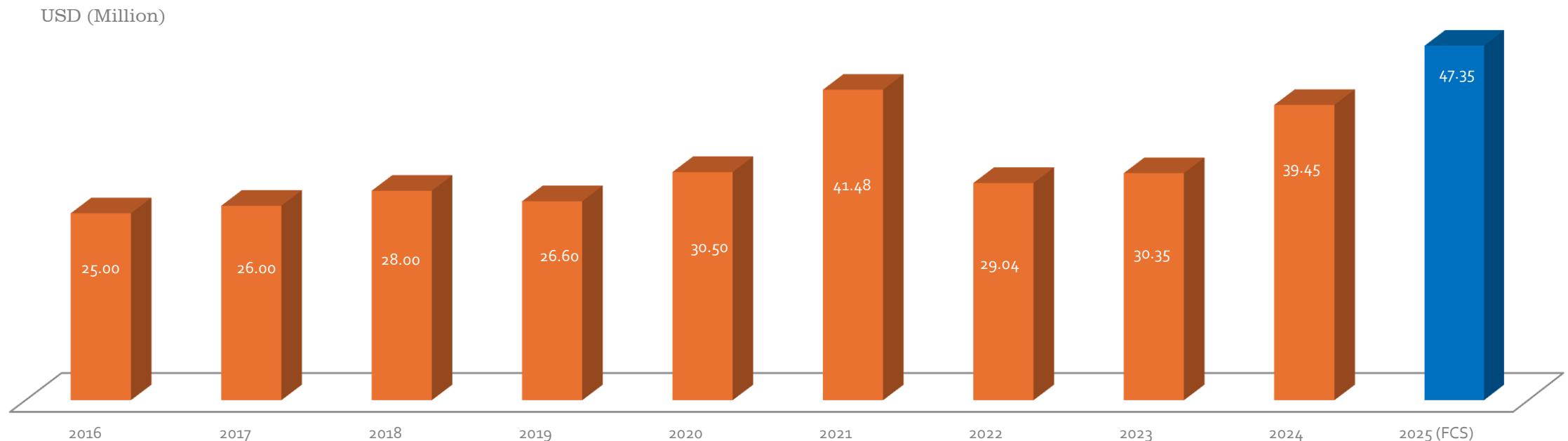


# Our PCBs



# Sales Performance

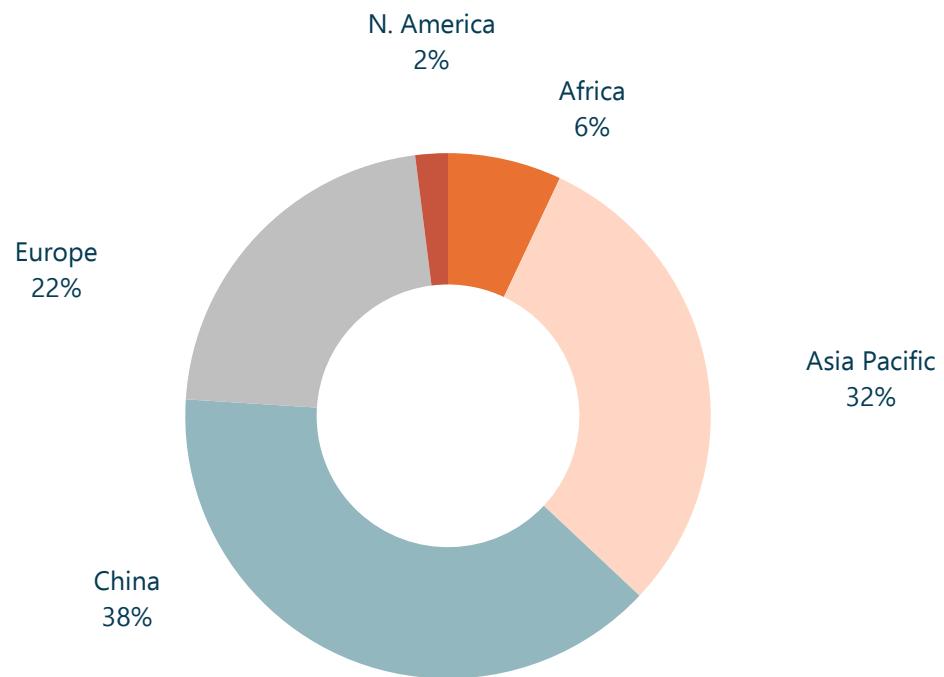
## SALES TURNOVER IN MILLIONS (USD)



Source: Uniwell internal data 2024

# Sales Performance

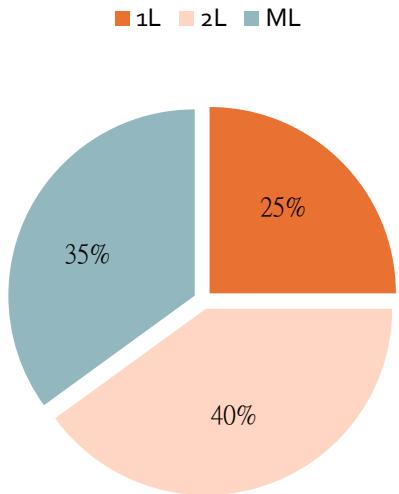
## SALES BY REGION IN 2024



Source: Uniwell internal data 2024

# Sales Performance

## SALES BY LAYER COUNT IN 2024

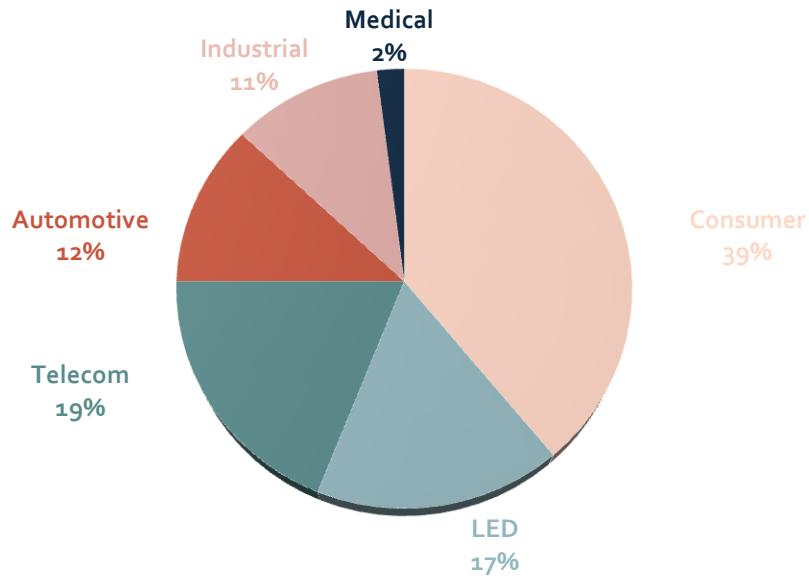


Source: Uniwell internal data 2024

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# Sales Performance

## SALES BY CATEGORY IN 2024



Source: Uniwell internal data 2024

# Delivery Term

## Incoterms



DAP Plant:  
PRC (Mainland China)



FOB(Sea) , FCA(Air) : Hong  
Kong & Shenzhen

## Sample Production Lead Time

PCB type	Working days
SS	4
DS	6
ML	8-10
AL	10-14

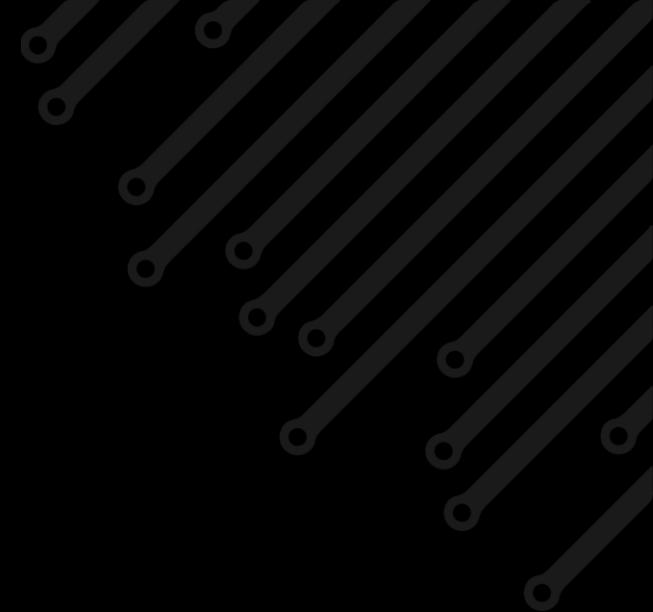
## Mass Production Lead Time

PCB type	Working days
SS, DS, ML, AL	7-30



Your Reliable PCB Partner

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# Thank you

For more information, please contact:

**Uniwell Electronic Ltd.**

Website: [www.uniwellgroup.com](http://www.uniwellgroup.com)  
Email: [info@uniwellgroup.com](mailto:info@uniwellgroup.com)

**Hong Kong Head Office**

Unit D, 8/F,  
World Tech Centre,  
No. 95 How Ming Street,  
Kwun Tong, Kowloon, Hong Kong

Tel: (+852) 2897 8630  
Fax: (+852) 2897 2914

**Dongguan Plant**

No.72 Li Xiang Road,  
Song Mu Shan,  
Da Lang Town, Dong Guan,  
Guang Dong Province, P.R.C.

Tel: (+86) 769 8331 8960