

ABOUT US

Established in

2012

Floor area

6000^{m²}

Shenzhen Yizhuo Electronic Co., Ltd., founded in 2012, is a National High-Tech Enterprise certified under the ISO9001:2015 International Quality Management System. After years of intensive development, Yizhuo Electronics has achieved remarkable growth, and its subsidiary, Hongze Electronics (Zhongshan) Co., LTD, has emerged to inherit the parent company's legacy and develop in synergy. We specialized in the R&D and manufacturing of PCB circuit boards, metal-based PCB substrates, and LED modules.

Since its inception 15 years ago, Yizhuo has earned certifications including CE, SGS, ISO9001, ISO14001, IATF16949, UL (US), and CUL (Canada). Our team comprises senior management and R&D professionals with an average industry experience exceeding 15 years. With over 180 technical and operational staff, a 6,000-square-meter production facility, and a monthly production capacity of 100,000 sq.m, we are a robust PCB manufacturer renowned for advanced equipment, stringent management, and exceptional quality.

Our products serve diverse sectors including communications, industrial control, computing, aerospace, military, medical, and automotive industries. Supported by a global distribution network, Yizhuo PCBs are exported worldwide to Asia-Pacific, Europe, the Americas, and the Middle East.



Exposure Workshop



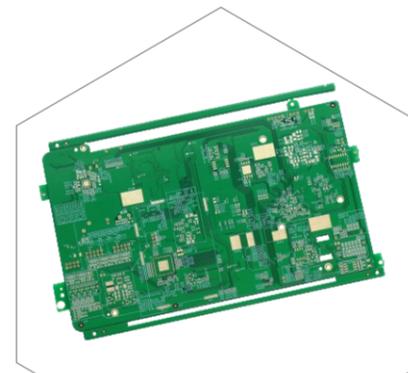
Copper Etching



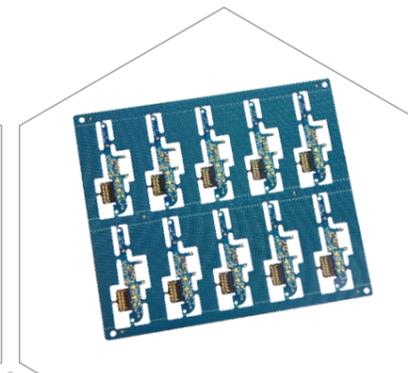
CNC

Drive continuous Innovation In Electronic Technology

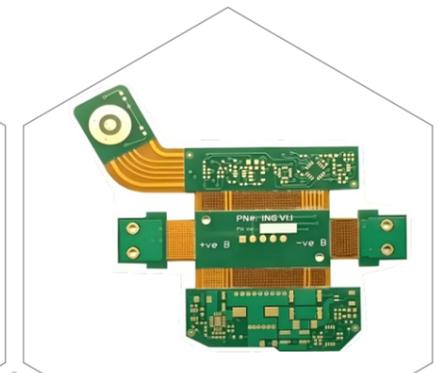
PCB Rapid Prototyping & Small to Medium Batch Manufacturing
LED Module Solutions Development & Production, Including SMT Assembly
Extra-Long PCB Capability: Max Size: Single-layer 2000x850mm, Double-sided/Multi layer 1500x750mm



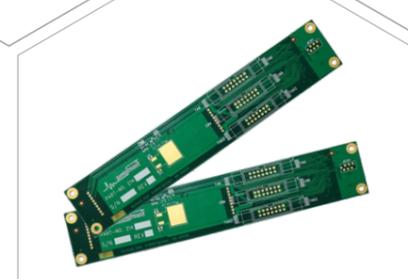
Industrial Control PCB



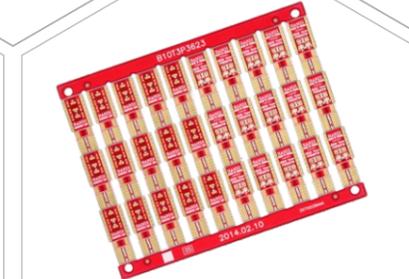
Medical Device PCB



Rigid-Flex PCB



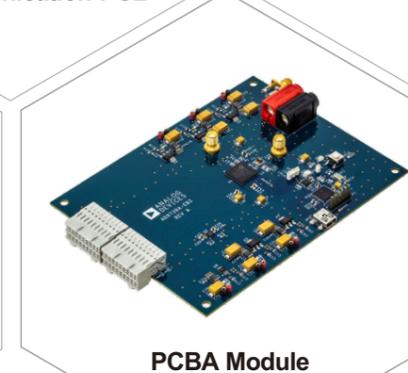
Telecommunication PCB



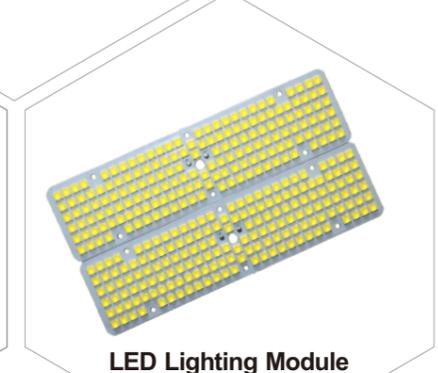
Automotive PCB



PCBA Module



PCBA Module



LED Lighting Module

PCB Product Process Capability

Items	Process Parameters
Base Material	FR-4 MCpcb Halogen-free PTFE Ceramic PCB High Tg FPC
PCB Type	PCB FPC R-FPC HDI
Maximum Layers	40 Layers
Min.Base Copper Thickness	1/3 OZ (12um)
Max.Finished Copper Thickness	8 OZ
Min.Line Width/Spacing (Inner Layers)	2/2mil (H/H OZ base copper)
Max.Panel Size	Single-layer 2000*850mm, Double-sided/Multilayer 1500*750mm
Min.Line Width/Spacing (Outer Layers)	2/2mil (1/3 OZ base copper)
Min Spacing (Hole to Inner Conductor)	6mil
Min Spacing (Hole to Outer Conductor)	6mil
Min.Annular Ring (Via)	3mil
Min.Annular Ring(Component Pad)	5mil
Min.BGA Pad	8mil
Min.BGA Pitch	0.4mm
Min.Finished Hole Size	0.15mm(CNC) 0.1mm(Laser)
Max.Aspect Ratio	20:01
Min.SM Bridge	3mil
Soldermask /Line Processing Method	Film/Laser Direct Imaging(LDI)
Min.Insulation Thickness	2mil
HDI & Special PCB	HDI(1-7 steps) R-FPC(2-16 layers) High frequency mix-pressing(2-20 layers)
Surface Finish Type	Immersion Gold/Tin/silver, HASL-Leed Free, HASL, OSP, Plating Hard Gold/Silver, Immersion Gold+OSP

PCB Board Manufacturer / PCBA One-Stop Service SMT Assembly / Component Sourcing

Our product portfolio covers a wide range of PCB technologies, including high-layer count PCBs, HDI PCBs, high-frequency PCBs, metal PCBs and other special PCBs.

Shenzhen Yizhuo Electronic Co., Ltd.

Yizhuo Intelligent Mfg. Co., Ltd. (Shenzhen)

Hongze Electronic Co., Ltd. (Zhongshan)

Shenzhen Factory: Building A, Zhentai Industrial Park, No. 4, Jiangbian Industrial 1st Road, Songgang, Bao'an District, Shenzhen City, China

Shenzhen Factory: 4th Floor, Building 3, Wanxia Industrial Park, Tongfuyu Industrial Zone, Shajing Street, Bao'an District, Shenzhen, China

Zhongshan Factory: 4F, Plant 3, No.21 Yinghai 1st Road, Nanlang Street, Cuiheng New District, Zhongshan City, China



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15th

15 Years of High-End PCB
Manufacturing Experience

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