

- 1) STHL Services
- 2) PCBA Showcase
- 3) Company Information
- 4) Products Capability
- 5) Products Capability
- 6) FAQ
- 7) CONTACT

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**STHL 14+ Years One-Stop PCB & PCBA Factory**  
**High-quality PCB PCBA Factory PCB Assembly**  
**Manufacture**

## STHL Services

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## PCBA Product show

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GPS Tracker WIFI  
Bluetooth



Car Side Step  
Electronic



Earphone



Metal Locator



PAD



Headset



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## Company Information

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STHL is a high-quality provider of electronics manufacturing services (EMS) located in Shenzhen, China. We serve customers worldwide along the whole industry chain including product design, material sourcing, PCBA production, cable assembly, box build assembly and comprehensive testing services. Our 4,000 sqm facilities include 6 surface-mount technology (SMT) production lines, 2 through hole technology (THT) lines, 2 function testing lines and 2 box build production lines.



STHL Electronics is a high quality electronic manufacturing services (EMS) manufacturer in China, the company offers one-stop PCB assembly service for prototypes and low-volume to mid-volume orders. Based on our advanced production facility and technical team, STHL Electronics offers services including PCB layout, components purchasing, PCB assembly, box build assembly and testing. We have successfully serviced customers from USA, Germany, UK, Italy, Poland, Turkey, Brazil and other regions of the world. Market sectors covers Communications, Energy, Security, Medical, Industrial, Automotive electronics and Smart home projects.

Our manufacturing facilities are ISO9001 and SGS certified, with 6 high speed SMT lines, 2 DIP lines and 1 box building assemble line. testing includes AOI, X-ray inspection, ICT test and aging testing. For electronic contract assembly, advanced machines and testing devices ensure technical capabilities and quality. Equally important is the knowledgeable staff and religious management, which guarantee effective communication and on-time delivery.

Now you can try us to have your projects cost down. If working with STHL PCBA, all of your projects relative documents is under security by signing NDA agreement. You can supply components or we can source them for you to save time.

Welcome to visit us for inspection at any time.



## Products Capability

Items	PCB capacity
Product name	mobile app controlled elevator drone flight controller board pcb
Material	FR-4; High TG FR-4; Aluminum; CEM-1; CEM-3; Rogers, etc
PCB type	Rigid, flexible, rigid-flexible
Layer NO.	1, 2, 4, 6, up to 24 layer
Shape	Rectangular, round, slots, cutouts, complex, irregular

Max PCB dimensions	1200mm*600mm
Board Thickness	0.2mm-4mm
Thickness Tolerance	±10%
Min Hole Size	0.1mm (4 mil)
Copper Thickness	0.5 OZ-3OZ (18 um-385 um)
Copper Plating hole	18um-30um
Min Trace Width	0.075mm (3mil)
Min Space Width	0.1mm (4 mil)
Surface finish	HASL, LF HASL, Imm Gold, Imm Silver, OSP etc
Solder mask	Green, red, white, yellow, blue, black, orange, purple

Items	PCBA capacity
Product name	mobile app controlled elevator drone flight controller board pcb
Assembly details	SMT and Thru-hole, ISO SMT and DIP lines
Testing on products	Testing jig/mold , X-ray Inspection, AOI Test, Functional test
Quantity	Min quantity : 1pcs. Prototype, small order, mass order, all OK
Files needed	PCB : Gerber files(CAM, PCB, PCBDOC)
	Components : Bill of Materials(BOM list)
	Assembly : Pick-N-Place file
PCB Panel Size	Min size : 0.25*0.25 inches(6*6mm)
	Max size : 1200*600mm
Components details	Passive Down to 0201 size
	BGA and VFBGA
	Leadless Chip Carriers/CSP
	Double-sided SMT Assembly
	Fine BGA Pitch to 0.2mm(8mil)
	BGA Repair and Reball
	Part Removal and Replacement
Component package	Cut Tape, Tube, Reels, Loose Parts
PCB+ assembly process	Drilling-----Exposure-----Plating-----Etaching & Stripping-----Punching----- Electrical Testing-----SMT-----Wave Soldering-----Assembling-----ICT-----Function Testing----- -Temperature & Humidity

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## FAQ

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### **Q1. What is needed for quotation?**

A: PCB : Quantity, Gerber file and Technic requirements(material,surface finish treatment, copper thickness,board thickness ,...)

PCBA: PCB information, BOM, (Testing documents...)

### **Q2. What file formats do you accept for production?**

A: Gerber file: CAM350 RS274X

PCB file: Protel 99SE, P-CAD 2001 PCB

BOM: Excel (PDF,word,txt)

### **Q3. Are my files safe?**

A: Your files are held in complete safety and security.We protect the intellectual property for our customers in the whole process.. All documents from customers are never shared with any third parties.

### **Q4. MOQ?**

A: There is no MOQ in PO.We are able to handle Small as well as large volume production with flexibility.

### **Q5. Shipping cost?**

A: The shipping cost is determined by the destination, weight, packing size of the goods. Please let us know if you need us to quote you the shipping cost.

### **Q6. Do you accept process materials supplied by clients?**

A Yes, we can provide component source, and we also accept component from client.

mobile app controlled elevator drone flight controller board pcb

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## CONTACT


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GET QUOTATION NOW, PLS CONTACT:

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