

Our Services

STHL 14+ Years One-Stop PCB & PCBA Factory

High-quality PCB PCBA Factory PCB Assembly Manufacture



Company Information

Shenzhen STHL Electronics Co., Ltd. is a professional electronic manufacturing services (EMS) manufacturer in Shenzhen, China, with 4000 square meters factory areas, about 150 employees, 10-15 R&D staffs.

We offer one-stop PCB assembly service for prototypes and low-volume to mid-volume orders.

As an ISO9001 certified electronics assembly manufacturer, we work on all projects exactly compliant with ROHS standard and quality guarantee.



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 certificated, 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.



Our Teams

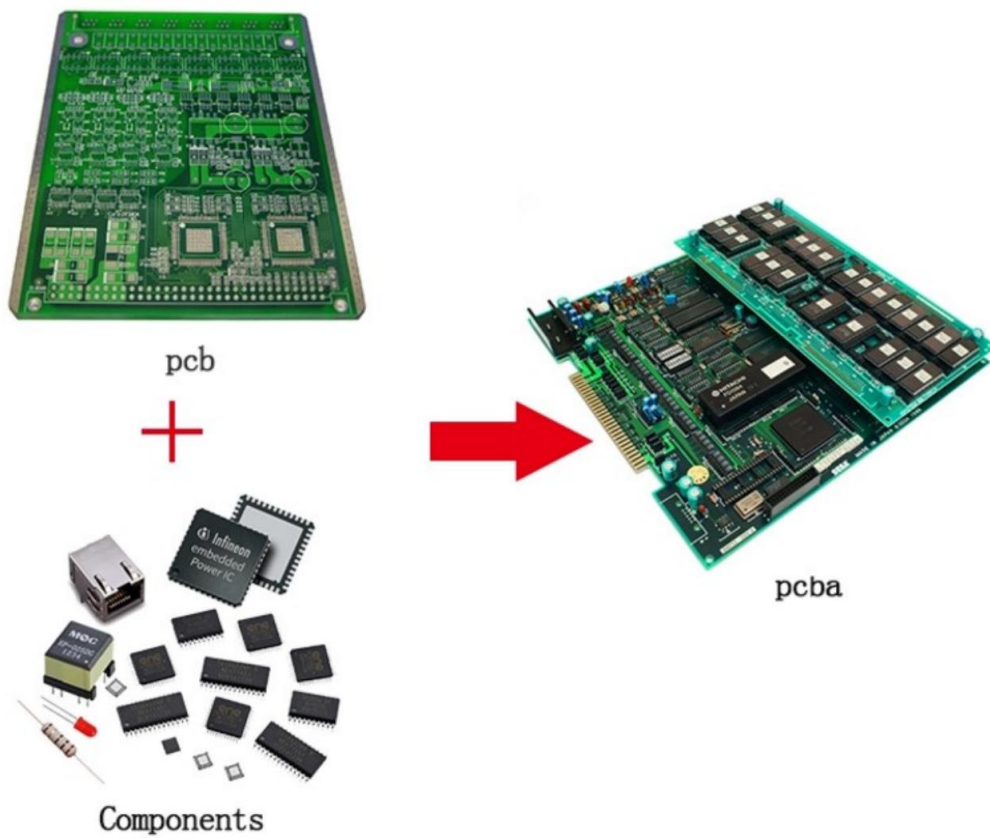
STHL management team are 10+ years experience in PCB and PCBA field, our sales representatives are very stable and mostly worked here since the company establish. They can help you

remember your projects details and requested. And our engineers can contact with customers directly in English if necessary, the faster and more effective communication helps lead time a lot.



About PCB & PCBA

PCB's can be single sided (one copper layer), double sided (two copper layers), or multi-layer (outer and inner layers). ... A PCBA (Printed Circuit Board Assembly) is the board after all the components and parts have been soldered and installed on the PCB and now can accomplish the electronic function it was designed for.



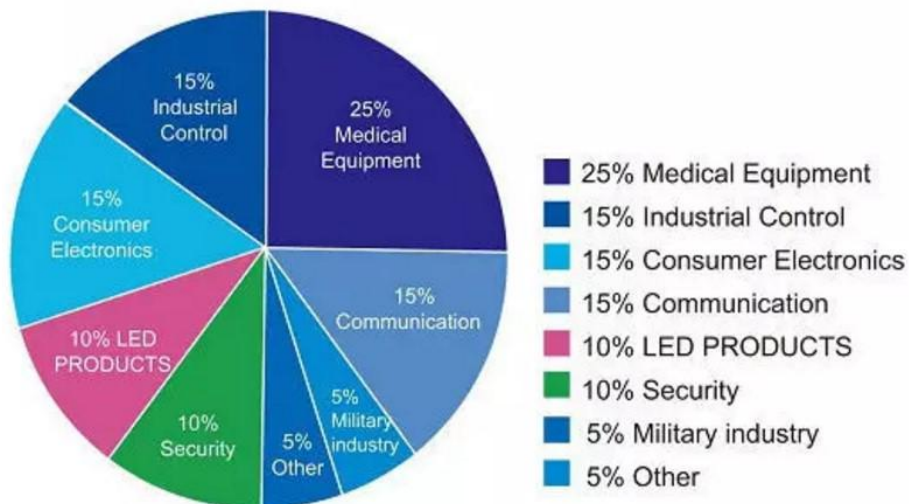
PCBA Application

STHL offer PCB Assembly service for prototypes, trial and mass orders. Our market covers a lot of fields like communication, aviation, energy & power, safety & security, medical device, LED lighting, consumer electronics, industrial, automotive electronics, smart home appliance, etc.



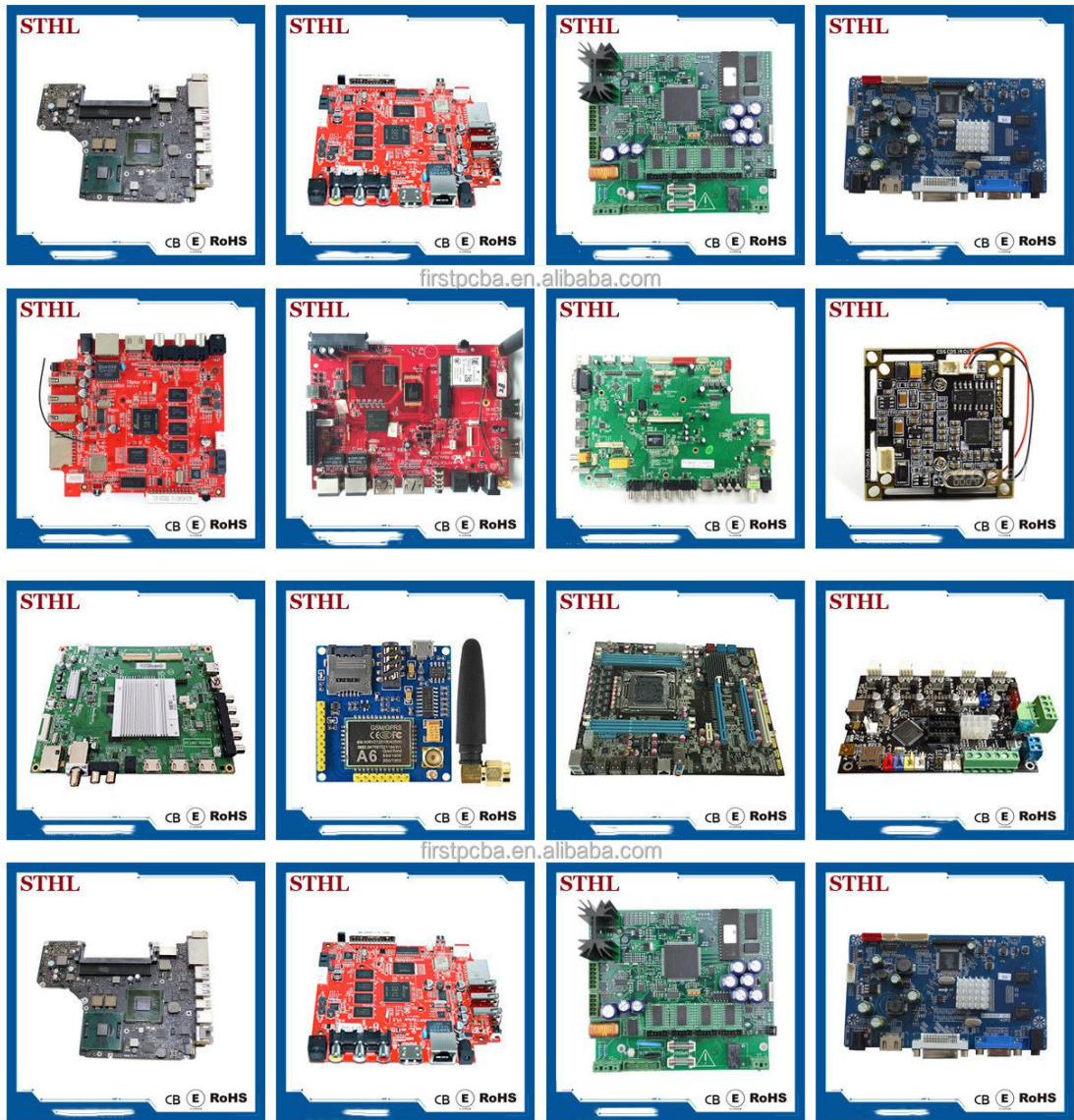
Application Fields& Customers

Application Fields :

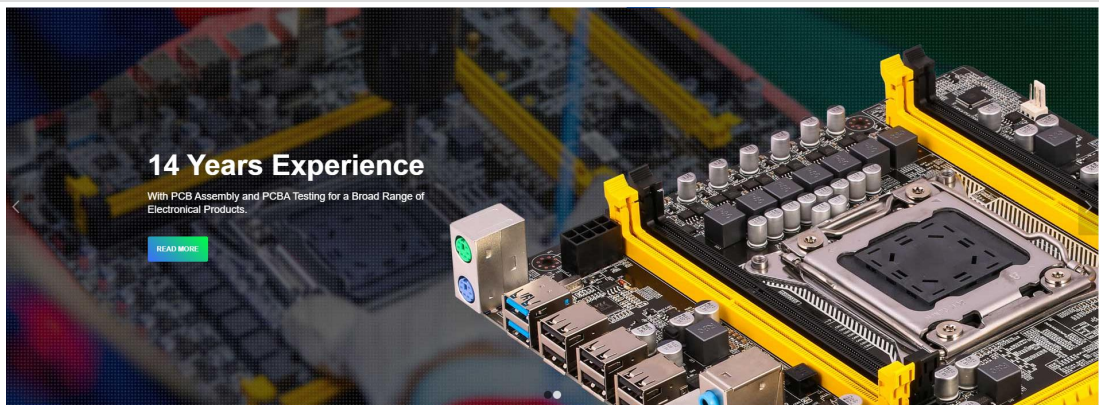


PCB & PCBA Showcases

Let's show you the different PCB&PCBA we've done in the past.



Product Description



1	layer	one side board, two side board, Multilayer side board
---	-------	---

2	Material	FR-4,CEM-1,CEM-3,High TG,FR4 Halogen Free,FR-1,FR-2
3	Board thickness	0.2mm-4mm
4	Board Size	35mm*50mm-560mm*640mm
5	Min. hole size	0.15mm
6	Min.line width/spacing	0.075mm(3mil)
7	Surface finish	HAL, HASL, Immersion Gold, Immersion Silver, Plating Gold, Plating Nickel, Plating Silver,Gold Finger, OSP
8	Copper thickness	0.5-4.0oz
9	Solder mask color	green black white red blue yellow
10	Size	Custom,OEM,ODM

Factory & Equipment

STHL Electronics is a real factory with 4000 SQM production base and 150 employees.We have the most advanced equipment from Japan,US and Germany to improve our production and provide high-quality PCBA boards for customers.





SMT and DIP Equipment

Advanced SMT Equipment:

- * HITACHI Screen Printer
- * FUJI NXT- II & FUJI XPF-L Modules

Assembly Production Machines:

- * 3 automatic YAMAHA YS24 and YS12 SMT lines and 3 automatic MX400 and MX200 STM lines
- * 2 DIP Dual wave soldering line
- * 2 manual soldering production line
- * 2 testing lines
- * 2 box building assemble line

Component range:

- * 0201,0402,0603,0805,1206,1608,2125,3216
- * Fine Pitch QFP to 0.2mm
- * BGA, Flip Chips, Connectors
- * BGA to 0.2mm

Testing & Control

STHL provide custom test service according to client's requirements and products.

Usually STHL PCBA Tech

offers a full range of testing service. Including:

- *AOI(Automatic Optical Inspection)
- * Function Testing
- * In Circuit Testing
- * Testing Jig
- * Testing Service
- * X-Ray for BGA Testing
- * Printing Solder Paste Test

Each board is carefully examined by our dedicated inspection team using AOI and high magnification viewers.

Using our X-Ray machine, we test PCBs to component level and all wiring is fully inspected and tested. Flash

testing and earth bonding tests can also be undertaken where required.



SMD Components Storage



Materials under Temp. & Moisture Control



Solder Paste & Red Glue under Control



Baking Machine for Materials



Thermostat Machine



Materials with Markings on Production Line



Laser Stencil Storage with Markings



ESD Process Protection Moving Shelf



Accessories & Packing Material Warehouse



AOI Inspection 100%



AOI Inspection down to 0201 Package



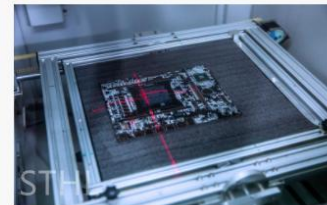
X-Ray Inspection



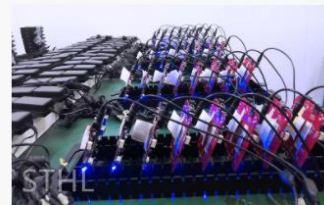
PCBA Production Prototype Inspection



IQC Instructions



X-Ray Inspection for BGA



8-12 Hours Ageing Test



Test Fixture Designed as Per Project



12-24 Hours Ageing Test

CONTRACT



GET QUOTATION NOW, PLS CONTACT:



Melody Wang
Salesman

 Tel: +86-0755-89369123
 Email: sales01@firstpcba.com
 Skype: sales01@firstpcba.com
 QQ: 1293696719
 Mobile&Whatsapp&Wechat: 0086 13632851496
 Address: Floor 2-4,B4,AnLe Industrial Zone,No 172
Hangcheng Blvd.Bao'an Xixiang District, Shenzhen