

Category		Details
Lead Time		The delivery time of the prototype shall be 24 hours (6 hours at the earliest and expedited) and the delivery time of small-batch shall be 72 hours (24 hours at the earliest and expedited). The delivery time of small-batch shall be more than 5 days. All the time shall be calculated from the next day after all components, PCB and other materials are ready.
PCBA Capacity		SMT patch 4 million points/day, THT 500,000 points/day, 50-100 orders /day.
Components Service	Turnkey	With mature and effective component procurement management system, we serve PCBA projects with high-cost performance. A team of professional procurement engineers and experienced procurement personnel is responsible for the procurement and management of components for our customers. Customers choose our complete set of material replacements, which greatly reduces the procurement cost and management cost, eliminates the trouble of multi-party communication, and improves the work efficiency.
	Kitted or Consigned	With a strong procurement management team and component supply chain, we tend to provide customers with a full range of PCBA OEM services. Customers provide us with components, we do the assembly work. In order to ensure the quality of the finished products, all the components shall be packaged in a whole package, such as plate packing and tape packing.
	Combo	Some components or special components are provided by customers. We are willing to provide other components for customers. Convenience for customers is the guideline of our work.
PCBA Solder Type		We offer SMT, THT, or PCBA soldering services both.
Solder Paste/Tin Wire/Tin Bar		We provide lead and lead-free (RoHS compliant) PCBA processing services. At the same time, according to customer requirements, we also provide customized solder paste.
Stencil		We use laser cutting stencil to ensure that components such as small-pitch ICs and BGA to meet IPC-2 Class or higher.
MOQ		We start with 1 piece, but we advise our customers to produce at least 5 samples for their own analysis and testing.
Component Size		• Passive components: we are good at fitting the inch 01005 (0.4mm * 0.2mm), 0201 such small components.
		• High-precision ICs such as BGA: We can detect BGA components with Min 0.25mm spacing by X-ray.
Component Package		We accept reel, cutting tape, tubing, and pallets for SMT components.
Maximum Mount Accuracy of Components (100FP)		Accuracy is 0.0375mm.
Solderable PCB Type		PCB (FR-4, metal substrate), FPC, Rigid-flex PCB, Aluminum PCB.
PCB Size		Min PCB size: 50mm x 50mm (Need panel if your board size is smaller than 50*50mm) •Max PCB size: 400mm x 1200mm.
Thickness		0.3mm ~4.5mm.
File Format		BOM, PCB Gerber, Pick and Place.
Testing		Before delivery, we will apply a variety of test methods to the PCBA in mount or already mount:
		• IQC: incoming inspection;
		• IPQC: in-production inspection, LCR test for the first piece;
		• Visual QC: routine quality check;
		• AOI: soldering effect of patch components, small parts or polarity of components;
		• X-Ray: check BGA, QFN and other high precision is hidden PAD components;
	• Functional Testing: Test function and performance according to customer's testing procedures and procedures to ensure compliance.	
Repair & Rework		Our BGA Repair Service can safely remove misplaced, off-position, and falsified BGA and reattach them to the PCB perfectly.