

Custom Turnkey PCB Assembly

We can customize PCBA with various types and processes to meet your specific requirements.

Basic Info.

Base Material	Fr-4/ High Tg Fr-4/ Aluminum/ Ceramic/ Copper/ Hal
Technical Support	Technical Support Free DFM/a Check, Bom Analysis, DFX (DFM/DFA/DFT) Contact
Value-Added Services	Bom Analysis, Conformal Coating, IC Programming,
Specification	Customized
Origin	China
Layers	Multilayer
Certification	RoHS, Reach, CCC, ISO
Condition	New
Transport Package	ESD Bag, Carton Box
Trademark	Customized
Service	PCB+Assembly+Components
Testing Service	Electrical Testing, Flying Probe Tester, Functional

Production Ability For PCB Assembly

Turnkey Service	PCB Design + PCB Fabrication+ Component Sourcing + PCBA + Box Building + Packaging
Value-Added Services	BOM Analysis,Alternative Sourcing Support, IC Programming, Wire Harness & Cable Assembly, Conformal Coating
Assembly Details	15 SMT Lines + 4 DIP Lines; Dust-free & Anti-static Workshop
Assembly Capacity	SMT: 30 Million points/day; DIP: 100,000 pieces/day (Scalable)
Technical Support	DFX (DFM/DFA/DFT) Check, BOM Optimization, Alternative Component Suggestion
Quality Standards	IPC-A-610 Class 2 / Class 3 (Medical Grade)
Traceability	Full Barcode/MES Traceability (Component batch, Process, Operator)
Inspection & Testing	3D SPI + 3D AOI, X-ray, IQC/IPQC/FQC/OQC, Flying Probe, ICT, FCT, Burn-in Test
Files Format	Gerber (RS-274-X), PCB, PCBDOC, BOM (Excel), Pick-and-Place File
Solder Type	No-Clean / Water Soluble, RoHS Lead-Free, High-reliability Solder

Assemble Methods	SMT, THT & Hybrid, Single/Double-sided, POP, BGA Repair/Reball
Component Size	Passive: 0201 (01005 support); Fine-pitch BGA, QFN, CSP, WLCSP
Minimum IC Pitch	0.2mm (High Precision)
Min. space of BGA	0.3mm
Placement Precision	±0.03mm / ±0.01mm (Chip)
Certifications	ISO 13485:2016 (Medical), IATF 16949, ISO 9001, UL, CE, RoHS
Lead / Turn Time	Prototype: 5-10 working days; Mass Production: 15-25 working days
Packaging	ESD Bag / Vacuum / Customized Medical Grade Packaging