

Total Turnkey Solutions



PCB PROTOTYPE AND ASSEMBLY

Niltronix Circuits offers you a Total Turnkey Solution for your manufacturing needs. Our 26,000 sq. ft. facility allows us to take your design to a finished product.

Open 7 days a week for Quick Turn up to 26 Layers. Two weeks is standard for the PC Board manufacturing. We can deliver in as little as 2 weeks for assembly, depending on the complexity of your project and component availability. You can provide the components or we'll purchase the parts from your BOM. You can expect the same excellent service and quality that we've always been known for.

Quick-turn Prototype and Production

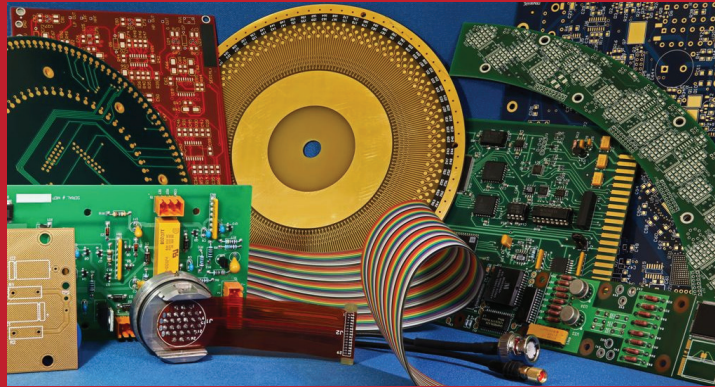
RoHS Compliant

High Temp Technology

Design and Documentation Capabilities

Capabilities

- High Tech & Commercial P.C. Boards
- Rigid, Flex, Rigid Flex, D/S & Multilayer
- Blind/Buried Via, Impedance Controlled
- FR4, FR4-06, FR4-08, Polyimide, Kapton
- Lead Free Hasl, Nickel, PD, Gold
- Immersion Gold-Tin-Silver, Plasma Etch
- Reverse Engineering
- Cross-Section, Coupon & X-Ray



Contract Manufacturing

- SMT, BGA & Xray, TH Board
- Tin Lead, High Temp, Lead Free
- Cable; Flat & Coax
- Discrete Wire Harness
- Power Panels; Chassis Wiring
- Test & Measurement Equipment
- Materials Management
- High Mix / Low Volume

IPC STD • UL94 V-0 • DOC. LEVEL TO ISO 9000

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EQUIPMENT

Contract Manufacturing Equipment List

- Pick and Place Machine – Essemtec FLX2010LV – Capable of placing down to 0201 components
- Stencil Printer – Essemtec SP200 with Auto Vision
- 2 Reflow Ovens – Vitronics SMR 800 & SMR 820 – 10 zone (8 hot, 2 cool); Nitrogen ready; Lead Free capable
- BGA Xray – Glenbrook Technologies
- Wave Solder Machines – 2 Manncorp MT300 – 1 dedicated to Lead Free; 1 dedicated to Tin/Lead
- Automatic Lead Trimmer, PCB Depanelizer Manncorp NTG– 520N
- Various Lead Forming Tools – both manual and semi-automatic
- Wire Prep – Eubanks 2700
- AOI-Yes-Tech YTV–BX 5 Camera Vision
- Trek Triton Inline Washer
- Baron Blakeslee MLR Vapor Degreaser
- AIRVAC DRS22 Rework Machine

PCB Equipment List

- 2-Excellon CNC6, MARK VI Spindle Driller
- 2-Excellon CNC5, MARK V, 4 Spindle Driller Router, Driller
- APS B-12 Plasma Etch System
- Waste Water Treatment System
- Accudyne 24" x 30", 3 Opening Vacuum Press
- Laboratory-Metallurgical X-Sectioning, Omega Ionic Contamination System
- Testing- Mania Speedy Flying Probe Netlist Tester, Polar Cits500S4 Controlled Impedance Tester, Mantis Vision 200X Microscope



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The next time you have a new project or need help with your manufacturing, keep us in mind. Let us take care of the materials and manufacturing, while you concentrate on the engineering, marketing, and sales of your product.