

## **Innovative Circuits, Inc. Product & Service Specifications**

**Flexible Circuitry:** Multilayer Rigid-flex, Single & Double-Sided

**Rigid Printed Wiring Boards:** Multilayer, Single & Double-Sided

### ***Drill and Fab:***

- Hitachi Single Spindle Drills with Vision (4)
- Hitachi Single Spindle Routers with Vision (3)
- Hitachi 4 Spindle Router
- ESI Laser
- Phenom Pro Scanning Electron Microscope
- Accuscore Scoring Machine
- Ceco Measuring Table
- Glennbrook X-Ray Inspection Table
- Job Control Terminal
- 25hp Spencer Vacuum System
- Cam350 Software Seats (2)

### ***Soldermask and Nomenclature:***

- Orbotech Inkjet System
- Colight 1600
- Dalux Soldermask Developer
- Circuit Automation DP-VDM Vacuum Chamber
- ATMA Automatic Screen Machine
- Manual Screening Tables (2)
- Grieve Ovens (3)

### ***Photo Resist Area:***

- Hollmuller Resist Developer
- Wise Mec Etch Layer Cleaning Line
- Orbotech LDI System
- Hakuto Cut Sheet Laminators (2)
- Dupont Hot Roll Laminators (2)

### ***Information Technology:***

- Linux Servers w/mirroring and Fire Safe Backup
- Modern up-to-date Firewall Technology
- Modern Fiber Connected Routers
- Dedicated IT Personnel

**Plating:**

- ITC THP32 Via Plugging Machine
- Orbotech AOI System
- Mass Semi-Automatic Planerizer
- 3 Plasma Etch Plasma Chambers (5 Gas)
- Quicksilver Hot Air Leveler
- American Power 150 amp Pulse Rectifier
- American Power 300 amp Pulse Rectifiers (3)
- Rapid Electric 300 amp DC Rectifiers (8)
- American Power 50 amp DC Rectifiers (8)
- MacDermid Pulse Plating Tanks (4)
- MacDermid DC Button Plate Tank
- Uyemura DC Via Plugging Tank
- Tin Plating Tank
- Hollmuller Alkaline etcher
- Hollmuller Resist Stripper
- Hollmuller Tin Stripper
- Wise UltraFlex Cobrabond Oxide Line
- Wise UltraFlex Cupric Chloride Etcher
- Comco Fluxer
- Tri-Mer Fume Scrubber
- Pola & Massa Deburring Machine
- Uyemura ENIPIG Line
- Nickel / Gold Plating Line
- Electroless Copper Line
- Corrotec Dryer
- Grieve Ovens (2)
- 15hp Venting System

**Quality:**

- Emma Testers 6151L, 6146
- Cam350 Software Seat
- Buehler Ecomet 300 Pro Microsection Grinder
- Nikon Microsection Inspection Scope
- 1080P 100X Video Scopes (2)
- Impex Pro X2 Measuring table
- Comco Board Washer
- Job Control Terminal

**Chemical Lab:**

- Oxford CMI 900 X-Ray Fluorescence
- Perkin Elmer AAnalyst 200 Atomic Absorption
- Qualilab CVS II Plating Analyzer

**Engineering and Sales:**

- C.A. Picard Layer Punch
- Kodak Developer
- Spartan Punch
- Cam350 Cam Software Seats (16)
- Genesis Cam Software Seat
- Polar S8000 W/Crosshatch Option Seats (4)
- 34 User Bacon Tracking System
- Ucamco Integrator Job Check Software

**Layup and Press:**

- TMP 4 opening Hot Oil Vacuum Press
- French 4 Opening Electric Vacuum Press
- Wabash 3 Opening Electric Press
- Somaca Plate Scrubber
- 12 X 18 Press Tooling Sets (20)
- 18 X 24 Press Tooling Sets (16)

**Other:**

- Complete Waste Treatment System
- Complete Water Recirculating System
- 2 Ingersoll Rand 50hp Compressors
- Ingersoll Rand Drying System
- Turbo Air Pre Preg Refrigerator
- Toyota Fork Lift