



PCB DESIGN SERVICES

Pentad Design Corporation's capabilities encompass the full design flow from start to finish including schematic capture, library development, data base construction and verification. Services include complete turnkey support.

Design Tools Include:

- Mentor Graphics PADS Layout
- Cadence / OrCAD Capture
- Altium Designer (Schematic Capture and/or PCB Layout)
- Mentor Graphics Expedition
- Mentor Graphics OmniNet
- Cadence Allegro (maintenance only – not soliciting new business)

Design Capabilities Include:

- Rules-Driven PCB Layout and Routing
- 3D Mechanical Integration and Constraint Checking
- Electro-Mechanical Co-Design
- Ability to generate multiple "on the fly" design concepts
- Schematic and PCB Library Creation and Maintenance
- Analog, SMT and BGA's
- Micro BGA / Micro Via / Blind & Buried Vias
- Design for Manufacture

Turnkey Services Include:

- PCB Design
- Electronic Engineering Support
- Parts Procurement
- Fabrication
- Assembly