

PCB DESIGN

LEAD TIMES

Lead Times varies with layout complexity of each design. Lead Times will be tailored to customer's specific needs and design.

DOCUMENTATION

- 1:1 Checkpoints
- Gerber Files
- Aperture Lists
- IPC 356 Netlist
- NC Drill Files
- Fabrication Drawings
- Assembly Drawings
- PCB Layout Files
- Excel Pick and Place
- AutoCAD DXF
- .EMN / .EMP Modeling File

SERVICES

- PWB Layout
- Schematic Capture
- Interactive Routing
- Auto Routing
- Routing
- Plotting Services
- On-Budget Delivery
- Pick and Place Files
- ITC Test Reports

VERIFICATION

- Air Gap
- Annular Ring
- Hanging Traces
- Mechanical Fit
- Netlist
- Shorts / Opens
- Power Tie
- Encroachment
- Silkscreen
- Overlap

CAPABILITIES

- Digital
- Analog
- Mixed Signal Technology
- BGA / Micro BGA
- Control Impedance
- Matched Length Pairs DDR
- Surface Mount / Thru-Hole / Chip (Die) on Board
- Rigid Circuits
- Hybrid Circuits
- Flex Circuits
- Rigid-Flex Circuits
- High Speed: Up to 20+ GHZ
- RF Design
- ICT

- Military
- Blind Vias
- Buried Vias
- HDI

PLATFORM

- Mentor PADS PCB®
- AutoCAD®
- Polar Impedance®
- Power Logic®
- Windows®

