



PCB Design Services

Accelerating Innovative Solutions

PCB Design Services

- PCB Layout
 - Digital, Analog, RF, High Voltage
 - Controlled Impedance and Matched Lengths
 - High Density, Microvias, Blind/Buried Vias
 - Buried Capacitance and Resistance
 - Flex and Rigid-Flex Circuits
 - Power Supplies, Heavy Copper
 - Mechanical Solid Model Interface, to check Component "Z" Axis Interference
 - Complete Documentation and Data Files to match your standards
- Constraint Management
- Library Development and Maintenance
 - PCB Footprints, Schematic Symbols, Schematic Database Management
- Schematic Capture
- Database Translations
- DFX Analysis (DFM, DFA, DFT, etc.)
- Comprehensive Checking & Validation
- Fabrication and Assembly Consulting
- Pre-prototype through Volume Production

Development Tools

- PCB Layout
 - Cadence Allegro
 - Mentor Expedition Pinnacle
 - Mentor PADS Layout
 - Altium Designer
 - Netlist Interface (with most front-end tools into Allegro)
- Auto-Routing
 - Cadence SPECCTRA (Allegro Router)
 - Mentor VeriBest Autorouter
 - PADS BlazeRouter
- Schematic Capture
 - OrCAD Capture
 - Cadence ConceptHDL
 - Mentor DxDesigner
 - PADS PowerLogic
 - Altium Designer