



PCB Design Services

CAPABILITIES:

- High-Speed Design
- HDI Design with
 - Micro-Vias
 - Via-in-Pad
- RF and Analog Design
- Low-Noise, Small Signal
- Switch-Mode Power Supply
- Signal Integrity
- Power Integrity
- High Density SMT Designs
- Flex PCB Designs
- Rigid-Flex PCB Designs
- High Reliability
- Auto-Routing

OUR TEAM DESIGNED FOR:



TOOLS WE USE:

- Allegro
- Mentor Graphics PADS®
- Polar Instruments
- Mentor Graphics Valor
- OrCAD CIS
- PADS® Logic
- AutoCAD
- SolidWorks

An Industry-Leading Engineering Partner

With a proven “get it right the first time” philosophy and domain experience in:

- PCIe Gen 3
- SAS-3 (12Gbps)
- DDR, DDR2, DDR3
- ATCA & Micro-TCA
- High power
- Analog

Lumenir Provides World-Class PCB Designs

We strive to provide our customers the fastest path to production with our concurrent engineering approach and our around-the-clock global design team.

With a staff of veteran PCB designers, most of which are degreed electrical engineers, our team is well equipped to understand and deliver your needs. Furthermore, each project is managed by a local senior electrical engineer with domain experience in your field who closely interfaces and collaborates with your team. Our goal is to minimize design churn and provide fast delivery with the highest quality.

If your design involves high-speed or RF, we have the staff and tools to help you with your Signal and Power Integrity needs.

Our process involves concurrent engineering. With an experienced staff of manufacturing engineers, we understand high volume manufacturing and bring extensive DfX knowledge to your design. As part of our design flow, we include a DfX review, all with the aim to get it right the first time. Our goal is to provide you with a smooth validation phase and transfer to production.

Lumenir’s PCB design service quickly gives you the best design, saving you both time and money while getting your product to market on time. We’re here to help!