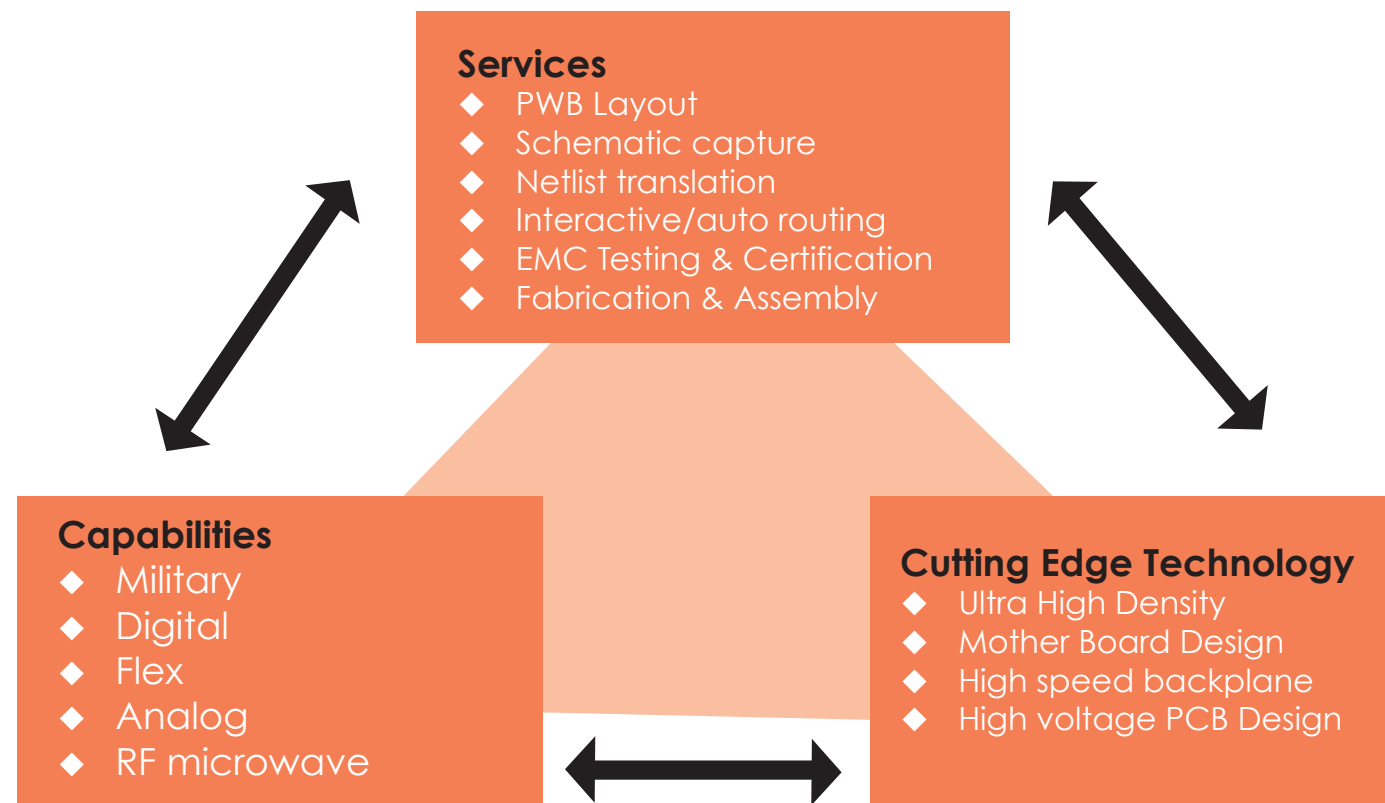


"Power Design uses the latest software tools to ensure your design is completed to your highest standard. From constant PDF check prints during data design process, to teleconferencing, placement check and routing uploads, we are committed to excellence every step of the way. Whether a 2 layer board or 32 layer board, our designers and software will ensure quality and accuracy every step of the process."



History / About Us

Located in the heart of Silicon Valley, Power Design Services can offer quick solution to your printed circuit board requirements. Backed by over 10 years of design and manufacturing experience, our team can ensure the successful completion of your projects. We pride ourselves on our commitment to timeliness and quality.

Full Turnkey Solution

Based on our customer requirements, Power Design Services selects the best manufacturing partners to meet your needs, including cost-effectiveness, time-to-market, high quality, and quick-turn solutions. Let Power Design Services manage the overall process to deliver the highest level of quality and to insure customer satisfaction for you.

High Speed Design

Electromagnetic Compatibility (EMC) and Signal Integrity (SI)

Power Design Services has experts who can closely work with our customers, and provide consulting and guidance for EMC and SI design throughout the design process in the following areas:

System-level:

Architecture and floor-planning, main boards, daughter boards, backplanes, connectors, cables, grounding. Enclosure design and shielding, installation practice.

Schematic review:

High-speed signals, differential signaling, I/O interfaces (digital/analog, telecom and local-area network), magnetics, filters, connectors, power supply filtering and board decoupling/bypassing.

PCB Design:

Stackup selection and layer assignment, partitioning, routing high-speed and other critical nets, termination, noise-coupling mechanisms and prevention, common-mode suppression, I/O and filtering, high-voltage clearances, power-supply, decoupling and bypassing, power and ground planes, grounding.

EMC Testing and Certifications:

Work with the customer to review specifications, support testing, obtain certificates, review and troubleshoot new and existing designs.

For an accurate quote, the following information will need to be supplied:

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- ◆ Netlist
- ◆ Schematic
- ◆ Symbols mechanical data sheet
- ◆ Board mechanicals
- ◆ PCB Fab and Assembly drawing information
- ◆ Electrical Design rules
- ◆ Manufacturing rules
- ◆ Proposed stack up
- ◆ Additional information

