



Job Description **PCB Designer**

Full Time Position

Supervisor: VP of Operations

Responsibilities

Design and Layout High Density Printed Circuit Boards (PCBs) using Mentor Graphics toolsets Expedition. Other layout tools a plus, Pads, Board Station or Cadence Allegro.

- Design high density multilayer stackups
- Calculate controlled impedance
- Perform high density placements
- Design Power / Ground planes
- Route single ended and differential routes including 25 Gbps+ serial links
- Create and verify component decals
- Design and Layout Digital, Analog, and Mixed Signal layouts

Requirements

- 5+ years of PCB Design experience
- U.S. Citizenship
- Ability to work in fast paced environment
- Excellent communications skills

Physical Demands:

While performing the duties of this job, the employee is regularly required to sit; use hands, reach with hands and arms; talk and hear. The employee is frequently required to move around the facility. The employee must frequently lift and/or move up to 10 pounds. Specific vision abilities required by this job include close vision, distance vision, depth perception, and ability to adjust focus.

This position may require exposure to information which is subject to US export control regulations, i.e. the International Traffic in Arms Regulations (ITAR) or the Export Administration Regulations (EAR). All applicants must be U.S. persons within the meaning of U.S. regulations.