



Senior PCB Designer

Highland, IL

Job Summary: With minimal assistance from other Printed Circuit Board (PCB) Designers, design complex, high-density, multi-layer PCBs.

Reports to: Electrical Engineering Manager

Essential Duties:

- Working closely with electrical engineer, perform schematic capture and design of PCBs using good layout practices to meet functional, Electro-Magnetic Compatibility (EMC), and spacing requirements.
- Design new or revise existing PCBs to meet Institute of Printed Circuits (IPC), internal company and applicable industry or military standards.
- Develop new or revise existing internal company PCB procedures, work instructions, and forms.
- Create schematic symbols and component outline information including footprints and 3D models for component libraries.
- Generate schematics, PCB assembly, and PCB fabrication drawings.
- Assist electrical engineer with component selection when required.
- Ensure all PCB design documentation is complete and checked per internal company procedures and work instructions.
- Keep current with PCB design and documentation systems including hardware and software.
- Assist in departmental training to improve skills and increase productivity.
- Assist in quoting PCB design tasks for estimating and scheduling purposes.
- Assist in scheduling personal workload and design tasks.
- Evaluate third party applications related to PCB design and provide feedback as needed.
- Review completeness of input data package, component outline availability, and estimate of effort required to design PCB.
- Collaborate with purchasing, quality, and manufacturing to ensure manufacturability of PCB designs.
- Perform other duties as assigned.

Requirements:

- Associate's degree in electronics or related field.
- A minimum five (5) years of computer aided PCB design layout experience.
- Working knowledge of Windows and Microsoft Office applications.
- Working knowledge of Altium PCB Design software package preferred.
- Travel as required for training, support of project tasks, product issues, or other design or job.



Senior PCB Designer

Highland, IL

Contact:

Basler Electric welcomes employment applications received directly from interested candidates. We prefer that you submit your resume in Microsoft® Word or Adobe® PDF format.

Basler Electric Company
Human Resources
12570 Route 143
Highland, IL 62249-1074

Tel: +1 618.654.2341, ext. 251
Fax: +1 618.654.2351
Email: employment@basler.com