

# **Electrical Designer**

## **Position Summary**

In response to our growth, we are seeking an Electrical Designer to support our product development needs. Primary focus of the position will be in the design of PCBs and enclosure assemblies in conjunction with senior electrical engineer. You will be involved in all aspects of design, with focus on PCB layout, sourcing, BOM generation, testing and debugging. You will work closely with the senior electrical engineer and other product development engineers in the execution of these tasks.

## **Responsibilities**

- Generation of PCB layouts
- Complete documentation of designs including schematics, BOMs, Gerber files, assembly instructions
- Generation of drawings for wire harnesses, enclosure wiring etc.
- Support electrical engineer in detail design of components and PCB assemblies
- Support engineers in specification and sourcing of components
- Implement design changes per ECNs
- Design test rigs to evaluate different prototype concepts, validate designs through the execution of lab testing
- Provide hands-on prototyping, testing and debugging support during early prototype stages of the product
- Prepare for and participate in design reviews, confer with other product team members
- Report to the senior electrical engineer and work closely with dynamic, multi-disciplinary product teams to develop optimized solutions that meet the product requirements
- Occasional travel for field support

## **Requirements**

- Associates degree in Electronics or Electrical Technology
- 5 years experience PCB layout
- Proficient in Protel or equivalent
- Hands-on prototyping and debugging experience
- Have a good working knowledge of electrical circuits and components
- Ability to design simple electrical circuits
- Excellent technical and conceptual skills
- Attention to detail

## **Compensation**

- Competitive Salary commensurate to experience
- Benefits include health, 401K, dental and flexible work hours
- Employee stock options