



JOB DESCRIPTION

Position: Electrical Design Engineer
Department: Research & Development
Director: Bob Spencer

General purpose of job: Design and engineer new products and Support the Electrical Engineering Team with all Electronic and Software projects.

Essential functions of job:

- Design, Assemble and test prototype electrical circuits.
- Review Schematics, BOMs and Layouts for design integrity and cost effectiveness.
- Work with mechanical design staff to optimize layouts for manufacturability and ease of use.
- Provide software support to supplier
- Troubleshoot and repair electrical circuits.
- Design PCB boards and Electrical Schematics
- Perform validation testing and evaluation/debugging of new products.
- Ability to write Software in C for new projects
- Work independently on complex projects.
- Identify design requirements from PDB
- Design and develop power supplies and class D amplifier sections
- Develop design specifications and technical drawings
- Generate formal electrical schematics, BOMs and Board Layouts
- Create models and/or prototypes of products
- Produce effective, clear and concise product documentation and reports

Safety Sensitive Position:

This position is considered Safety Sensitive due to the following condition, among others:

- Works with hazardous utilities

Educational and/or experience requirements of Job:

- Bachelor of science in Electrical Engineering with a minimum of 3 years of experience preferred.
- Altium Designer, DSP processing, Lab Equipment and Audio Precision experience a plus.
- Must possess advance knowledge of electrical engineering skills in both Schematic and PCB design and be familiar with applicable and acceptable industry practices.
- Fluent in English, both written and spoken
- Must be proficient in Excel, word, PowerPoint

Personal demands of essential functions:

- Must have sound judgment and proven decision making skills and the ability to be innovative
- Effectively perform job while showing respect and a willingness to work with co-workers in this and other departments
- Other tasks deemed necessary by your supervisor
- Must possess exceptional organizational skills
- Must present a favorable impression of Stillwater Designs at all times
- The person must be able to hold close mental attention for long periods of time.
- Must be Available to travel International travel for up to 2 weeks at a time

Salary: Negotiable

Livin' Loud

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