



Date: September 27, 2019

Re: Senior Design Engineer

At Audio Authority, we use our expertise in electronic design and manufacturing to create innovative products that solve problems and improve the lives of our customers, associates, and business partners. The size and culture of our company makes it a great place to grow professionally in a healthy environment that values the dignity of work. Audio Authority offers a competitive salary plus bonus, competitive benefits, and a great team. As a result of continued growth, we are currently conducting a search to identify a Senior Design Engineer to join our team.

Position/Title: Senior Design Engineer
Reports To: Engineering Manager
Work Area: Office and Factory – Product Development Team
Schedule: Monday - Friday, 8:30am to 5:00pm or as needed

Summary: Expected to support the advancement of company goals and objectives with the obligation to report any obstacles to accomplishment of job duties. Accountable for duties and responsibilities defined below as well as influence and impact on co-workers and the protection and proper utilization of company assets.

Leadership Responsibilities

- Lead engineer on assigned product development projects
- Collaborates with fellow engineers and cross-functional teams
- Develops complete, testable engineering specifications from product requirements
- Estimates costs and timelines, tracks project tasks, and communicates status to management
- Acts as technical liaison to purchasing and manufacturing for specification and validation of components and assemblies
- Supports troubleshooting and root cause analysis of existing products and recommends corrective responses
- Interprets industry standards as they relate to new and ongoing product development

Engineering Skills

- Develops prototype circuits, embedded firmware, schematics, PCB layouts, and BOMs per product specifications
- Writes design verification and validation test records, production test procedures and documentation
- Specifies electronic components and identify suitable alternative components
- Completes design calculations, risk analysis, and design reviews, to verify designs against product specifications
- Initiates testing of electronic designs with 3rd party test labs to meet required safety, FCC, and other compliance requirements

Requirements

- Minimum B.S. in Electrical Engineering, Computer Engineering (equivalent experience may be considered)
- 5-10+ years of experience in electronics design, validation, and troubleshooting
- Experience with schematic capture and PCB layout software - e.g., Altium Designer
- Experience in embedded firmware development
- Effective, professional communication, including ability to write/edit technical documentation, reports, and presentations
- Willingness to innovate, learn new tools and strategies to achieve the objective at hand

Salary is commensurate with experience and knowledge. We are an equal opportunity employer with excellent benefits and working conditions. Please forward resume to:

Everett Jacobson, Engineering Manager
jacobson@audioauthority.com