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## **Electrical Design Engineer**

Audio Authority is a Lexington, KY based electronic design and manufacturing firm specializing in the creation of innovative electronic devices. As a result of continued growth, we are currently in search of an Electrical Design Engineer to complement our current team.

### **Primary Duties**

- Integrate with the engineering team to support ongoing work as well as take initiative on new product designs.
- Circuit design, simulation, testing, and documentation.
- Analyze, troubleshoot, and improve existing designs.
- Author/revise schematics.
- Specify electronic components and identify suitable alternative components.
- Estimate development costs and timeline for new projects.
- Create/maintain product documentation including BOMs.

### **Desired Qualifications**

- Bachelor of Science Degree in Electrical Engineering, or equivalent experience.
- Three or more years of proven hands-on practical experience designing analog and digital circuits.
- Experience with embedded hardware i.e., microcontrollers, DSPs, Sensors, GPIO, Ethernet/serial transceivers, and wireless technologies.
- Familiarity with PCB layout best practice, Gerber files, IPC standards, PCB fabrication, and final assembly.
- Proficiency with Altium Designer (preferred) or another PCB layout package.
- Familiar with lab instruments, oscilloscopes, logic analyzers, etc..
- Ability to integrate others' work with your own work.
- Experience in writing specifications, generating design concepts, prototyping, troubleshooting, documentation, and electrical manufacturing processes.
- Ability to communicate effectively and author/edit technical documentation..
- Proven track record of developing complete products/systems, not just components of those products/systems.

### **Strongly Preferred Qualifications**

- Experience debugging, developing and editing firmware and software

Salary is commensurate with experience and knowledge. We are an equal opportunity employer with excellent benefits and working conditions. To apply electronically, please visit [https://www.audioauthority.com/page/employment\\_opportunities](https://www.audioauthority.com/page/employment_opportunities)