

ROCKFORD CORPORATION

Rockford Corporation, located in Tempe Arizona, is the leading designer and manufacturer of high performance mobile audio products. We are looking to add an Electrical Engineer to join our Engineering Team. This is a highly visible position in the company and we're looking for a good fit within the department and the organization. We offer a casual work environment and great benefits. Our employees are very passionate about their work and are encouraged to bring new ideas and creativity to their jobs.

JOB TITLE: Electrical Engineer

RESPONSIBILITIES:

The Electrical Engineer supports the continuing growth of Rockford's core audio business by designing and developing successful solutions for Rockford's multi-brand amplifiers and other products. Creates designs that meet customer requirements and specifications with emphasis on performance, quality, cost and timing. Provides full cycle technical support of product designs from conception through end-of-life. This position serves as project team leader to plan, lead, direct and support all technical phases from concept, analysis, design, PCB layout, simulation, verification, prototyping, and testing, through successful production. The Electrical Engineer prepares development documentation, such as Design Failure Mode and Effects Analysis, and product data sheets to ensure detailed product and project design trails. Guide continuous improvements in technical infrastructure related to planning, processes, reporting and timelines as needed to support quality growth of the company. Consult on other design projects as time permits, working in conjunction with various development teams.

ESSENTIAL JOB FUNCTIONS:

- Participates in the new product conceptual design process
- Analog and Digital circuit design and analysis
- Design for high volume manufacturing
- Schematic development
- PCB Layout
- Electrical BOM creation
- Ensures product performance meets target specifications.
- Cost effectiveness analysis
- Electrical design tolerance analysis
- Electrical component analysis
- Electrical and mechanical interfacing analysis
- Interfaces and collaborates with suppliers and other staff

JOB QUALIFICATIONS:

- Moderate to extended experience in audio amplification design and a proven track record in leading technical efforts within an organization.
- Successful experience in audio engineering design and project management for the consumer electronics industry.
- Working knowledge in theory of operation, feedback, efficiency and classes of amplifiers.
- Demonstrated success in analog and digital designs, schematic development for audio applications, familiarity with standard concepts, practices and procedures.
- Facility with tools and software such as Audio Precision test equipment, SPICE simulation, PADS schematic capture and layout.
- Familiarity with the integration of complete audio systems including source units, speakers, subwoofers, and amplifiers.
- Working knowledge of typical design and performance standards, design verification testing, part qualification process, and quality systems and standards such as ISO and QS.
- Excellent communication and interpersonal skills; ability to multi-task and manage multiple projects simultaneously.
- Minimum of B.S.E.E. degree required.
- >6 years of experience preferred.

Interested applicants, send resume and cover letter to jobs@rockfordcorp.com.

This position is based in Tempe, Arizona. No relocation assistance provided.

To learn about Rockford, please visit us at www.rockfordcorp.com. We are an equal opportunity employer and value diversity in the workplace.