

ROCKFORD CORPORATION

Rockford Fosgate, high-performance audio manufacturer located in Tempe is looking for a qualified individual for a full-time position as an acoustic design engineer. 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.

This position supports the continuing growth of Rockford's core audio business. This position works closely with new product development team. Also collaborates with mechanical engineers to translate design into detailed mechanical drawings. Coordinates with Industrial Design team to ensure designs can be practically manufactured without compromising performance. Facilitates continuous improvements in loudspeaker engineering related to planning, processes, reporting, and timelines as needed to support quality growth of the company. Must be able to manage multiple products in development simultaneously.

JOB TITLE: Acoustic Design Engineer

KEY RESPONSIBILITIES:

- Detailed design of transducers for aftermarket and OEM automotive markets.
- Work through designs to maintain and track to target BOM cost.
- Drive and motivate team members and suppliers in USA / Asia facilities.
- Coordinate with Quality and Manufacturing groups to ensure efficient and successful prototype and production builds.
- Perform ongoing research to stay on top of new technologies applicable to future products.
- Test and measure transducers of all kinds using Klippel equipment.
- Set up and train quality and manufacturing teams on testing and manufacturing methods.
- Diagnose and troubleshoot various transducer issues and compile corrective action reports.

REQUIRED SKILLS/QUALIFICATIONS:

- BSEE, BSME, or BS in Acoustics or Physics.
- Exceptional knowledge in acoustic fundamentals.
- Experience in the design and engineering of transducers and loudspeaker systems.
- Experience with audio system architecture and system tuning.
- Experience with a variety of acoustic test equipment such as: CLIO, LM, Klippel, LISTEN, REW, Audio Precision.
- Proficient in the use of simulation tools such as: LEAP, Spead, Akabak, VituixCAD, MatLab, General FEA packages, Fine Cone, Fine Motor, Fine Xover, COMSOL, in order to model transducer and system performance.

DESIRED SKILLS (OPTIONAL):

- Familiarity with software scripting /automation using Python, LabVIEW, etc.
- Electrical design skills and familiarity with schematic capture tools like Altium.
- Mechanical design skills and familiarity with 3D modeling tool like Solidworks.
- Basic understanding of amplifier design and Digital Signal Processing (DSP).
- High volume consumer Electronics experience or Automotive OEM experience
- Experience with speaker enclosure design and fabrication.

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.rockfordfosgate.com. We are an equal opportunity employer and value diversity in the workplace.