



We are a customer focused provider of audio solutions. We exceed users' expectations with well thought out design, integration, and service. Our purpose-built products meet our customers where they are at, enhancing their moment with a powerful experience through music.

Job Title: Electrical Engineer

Job Location: Tempe, AZ (100% Onsite)

Rockford Fosgate is looking for a motivated and multi-disciplined Electrical Engineer who is passionate about designing and validating high-performance audio electronics. You will contribute across the product lifecycle—from concept and design through validation and launch—working closely with cross-functional teams to deliver reliable, production-ready hardware for aftermarket and OEM audio products.

Key Responsibilities

- You will report to the Manager of Electrical Engineering who will support your technical growth and development
- Design, analyze, and validate analog and digital electronic circuits for audio applications
- Contribute to the design of audio amplifiers, power supplies, and supporting circuitry
- Create schematics and support PCB layout development using Altium Designer
- Perform board bring-up, bench debugging, and real-world validation testing
- Collaborate with product management and cross-functional teams to understand requirements and support development
- Work closely with embedded software engineers to support hardware platforms for MCUs, DSPs, wireless modules, etc
- Partner with mechanical engineers to support enclosure integration, thermal considerations, and mechanical interfaces
- Execute hardware validation activities including functional, performance, and reliability testing
- Assist in developing manufacturing and end-of-line test strategies
- Identify, reproduce, and help resolve hardware defects in new and existing designs
- Support documentation of designs, test results, and engineering changes
- Stay current with component technologies, tools, and best practices
- Support limited domestic and international travel as needed (~10%)

Required Skills / Qualifications

- Bachelor's degree in Electrical Engineering or closely related field
- 3–7 years of relevant industry experience in electronics design and validation
- Solid foundation in analog and digital circuit design
- Experience supporting audio amplifiers, power electronics, or mixed-signal designs
- Familiarity with SMPS concepts, amplifier classes, and analog signal paths
- Experience with schematic capture and PCB layout support
- Hands-on experience with board bring-up, debugging, and troubleshooting
- Familiarity with lab equipment including oscilloscopes, Audio Precision, power supplies, and spectrum analyzers
- Experience using Altium Designer and basic SPICE simulation tools
- Understanding of hardware validation, design verification, and production readiness concepts
- Strong problem-solving skills with attention to detail
- Excellent written and verbal communication skills
- Ability to work independently on assigned tasks as well as collaboratively within a team
- Self-motivated with a desire to learn and grow technically

Desired Skills (Optional)

- Exposure to DSP concepts such as crossovers, filters, limiters, and delay
- Experience with Bluetooth or other wireless module integration

- Familiarity with EMC concepts and design best practices
- Experience supporting manufacturing test or automated test systems
- Basic understanding of firmware or close collaboration with embedded software teams
- Automotive, marine, motorcycle, or motorsports audio experience

About Rockford & Benefits

Rockford Fosgate is an equal opportunity employer located in Tempe, Arizona. Join us and thrive in a dynamic office environment where your contributions truly make a difference. Enjoy the benefits of flexibility, competitive pay, affordable healthcare, a 401k match, and a pathway for growth.

Interested and qualified applicants are encouraged to send their resume and cover letter to jobs@rockfordcorp.com Visit www.rockfordfosgate.com to learn more about us.