



**Crescend Technologies, LLC** specializes in designing and building RF Power Amplifiers and components supporting a wide range of markets including Land Mobile, Defense/Military, Medical, Radar, SATCOM and Solid-State RF Energy. Throughout the entire product life cycle, from concept to design and through production, our customers depend on Crescend for reliable and cost-effective solutions. Crescend designs, engineers and manufactures all Power Amplifiers and components in-house and in the USA.

**We are seeking a senior level RF Power Design Engineer** to join our dynamic and expanding staff where we commit each day to designing and manufacturing the highest quality amplifiers and developing new technologies to help our customers succeed.

**At Crescend we work in a unique environment that's employee friendly.**

Our benefits include:

- Competitive Salary
- Health, Dental, and Life insurance plans
- 401k plan w/company match
- Vacation and Personal time

#### **JOB SUMMARY:**

The Senior RF Power Design Engineer will design, develop, test, integrate, validate and document RF Power designs supporting a wide range of markets including Land Mobile Radio, Defense/Military, Medical, Radar, SATCOM and Solid-State RF Energy. Coordinates with engineering manager and program manager to create high quality products and assure on-time delivery to our customers.

#### **ESSENTIAL FUNCTIONS:**

- Understand product specifications and marketing requirements.
- Model, simulate, design, build and optimize designs to achieve targeted RF performance.

- Use of RF/Microwave design CAD tools for circuit design and PCB layout.
- Work with program management, procurement and production engineering, to create a cost-effective product with high yield and ease of manufacturability.
- Make design choices to balance between performance, yield, cost and schedule.
- Use RF test equipment to perform design/product evaluation and optimization in design engineering lab.
- Provide direction to Engineering technician with prototype assembly, testing and debugging.
- Prepare documentation for communication with engineering team, management and customers.
- Maintain and update all controlled documentation.
- Drive continuous improvement activities and support RF Engineering team to strengthen its core-competency.

## **QUALIFICATIONS:**

- Highly motivated and results/detail oriented.
- Must be able to meet schedules and work well in a team environment.
- Right attitude with adherence to Crescend's core values (caring, innovative, willing to help and persistent).
- Strong RF/Microwave circuit design knowledge for Power Amplifier applications. Covering the HF, VHF/UHF, L-band and S-band.
- Experience with RF/Microwave design tools such as ADS, HFSS, and Microwave Office.
- Proficient with operation of RF test equipment (network analyzer, power meter, spectrum analyzer and signal generator).
- Proficient in Microsoft Office Products.
- Strong analytical as well as interpersonal and communications skills.

The above statements are intended to describe the general nature and level of the work being performed in this job. This is not an exhaustive list of all duties and responsibilities. The management of Crescend Technologies, LLC. reserves the right to amend and change responsibilities to meet business and organizational needs.

Job Type: Full-time

Required experience:

- 5+ years of working experience (RF Power design).

Required education:

- Bachelor's degree in Electrical Engineering. MSEE preferred.

Interested candidates please send your resume to: [hr@crescendtech.com](mailto:hr@crescendtech.com)

Crescend Technologies, LLC is an Equal Opportunity Employer