

RF/Microwave MMIC Amplifier Design Intern

Marki Microwave, a fast growing technology company, is the premier supplier of high performance components for the electronic warfare and wireless test and measurement markets. We are seeking an advanced undergraduate or graduate student to work on projects related to the design, development, testing, and production of MMIC amplifier products. This position offers an exceptional opportunity to gain experience designing world class microwave components in an advanced design flow.

Responsibilities:

- ☐ Develop accurate HBT and/or pHEMT transistor models using test devices
- ☐ Develop test devices and circuits to verify circuit models
- ☐ Devise and implement test procedures and methodologies for amplifier circuits
- ☐ Design advanced amplifier circuits using proven and established modeling methods

Requirements:

- ☐ Must be pursuing or recently graduated with an electrical engineering degree with a focus in microwaves/RF at the senior undergraduate or graduate level.
- ☐ Understanding of microwave concepts such as frequency domain, transmission lines, inductance/capacitance, and basic circuit elements
- ☐ Experience using design software such as ADS or Microwave Office preferred
- ☐ Experience with Microwave test equipment such as network analyzers and spectrum analyzers
- ☐ This position must meet Export Control compliance requirements, therefore a "US Person" as defined by 22 C.F.R. & 120.15 is required.
- ☐ This position must comply with the separate and distinct verification procedures under the ITAR requiring the presentation of documents establishing citizenship or immigration status necessary to ensure compliance with the ITAR

Intern Benefits:

- Competitive Pay
- Experience working with industry leading technology
- Possibility of continuing employment

Location:

Marki Microwave is located in Morgan Hill, CA, 30 minutes south of downtown San Jose on the outskirts of Silicon Valley.

To Apply: please email your resume and unofficial transcript to careers@markimicrowave.

Marki Microwave is an Equal Opportunity Employer

Minority/Disability/Veteran/Female

This position must meet Export Control compliance requirements, therefore a "US Person" as defined by 22 C.F.R. & 120.15 is required.

About Marki Microwave:

Shattering Performance Barriers Since 1991.

At Marki Microwave our goal is to invent technologies to empower the RF and microwave industry to design faster, simplify production, eliminate complexity, and shatter performance barriers.

We achieve this goal through intensive research, product development, advanced and carefully controlled production, and world class customer support. We have multi-decade legacy designing high performance microwave electronic components, demonstrating technical leadership through collaboration with thousands of customers spanning markets including commercial wireless, military and test and measurement. Our extensive knowledge base is enhanced with state-of-the-art CAD, and in-house production, test and measurement capabilities through 67 GHz.

Marki Microwave is a woman owned private company based in Morgan Hill, California, 30 minutes from downtown San Jose in Southern Silicon Valley. We offer a full benefit package including holiday pay, PTO, medical/dental/vision insurance, and a 401(k)/profit sharing plan.

Marki Microwave is an Equal Opportunity / Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex including sexual orientation, gender

identity and pregnancy, national origin, disability or protected Veteran status, or any other characteristic protected by applicable federal state or local law.