



Sr. Principal MMIC RFIC Design Engineer

We are a company of innovators, problem solvers, and entrepreneurs. We develop complete system solutions for our military and commercial customers. We also provide a broad range of engineering services including system design, mechanical engineering, finite element analysis, embedded systems, and automation. The company designs equipment to meet client specifications and manages the manufacture of high-precision components to produce high-quality assemblies.

Parry Labs is seeking a SR **Principal MMIC RFIC Design Engineer** to support Parry Labs' RF Systems product development. You will be joining an industry leading, technically broad, foundry independent design team generating products for cutting edge systems and applications. Parry Labs is searching for candidates with interest in RF integrated circuit design. The candidate will build upon their previous RF or microwave circuit design experience to perform RF/microwave highly integrated circuit design, including schematic capture, schematic simulation, circuit layout, electro-magnetic simulation, physical verification, and device test and characterization. This position will be located in Parry Offices in Columbia, MD or San Diego, CA.

Specific responsibilities for this position include:

- Requirements development for RF components
- Design of Low noise amplifiers (LNA)
- Design of Power amplifiers (PA)
- Design of Mixers, switches, phase shifters, attenuators, and vector modulators for phased array, radar and communications system applications
- Design, packaging, test, and troubleshooting of RF/microwave circuits.
- Candidate should have experience working in a team environment and have the ability to lead others. Technologies will include GaAs, GaN, and SiG.. Design experience in GaN and GaAs technologies is a plus.

Basic Qualifications of Sr. Principal MMIC RFIC Design Engineer:

- Sr. Principal MMIC RFIC Design must have a Bachelor's of Science in Electrical Engineering or equivalent degree with 9 years' experience; Master's Degree in Electrical Engineering or equivalent degree with 7 years' experience; Ph.D. in Electrical Engineering or equivalent degree in RF/Microwave, MMIC, or RFIC design with 4 years' experience.

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- Familiarity with microwave design tools (ADS/Momentum, AWR Microwave Office, Cadence Virtuoso).
- Must have the ability to obtain and maintain a DoD clearance per business requirements. U.S. Citizenship is a pre-requisite

Preferred Qualifications:

- Previous experience with RF/microwave circuit design
- Previous experience with ADS suite of tools including Momentum, HFSS, Mentor Calibre verification tools, and AWR Microwave Office.
- Experience designing in GaAs and GaN technologies is a plus.

Candidates must be a US Citizen, and have the ability to obtain a US Government security clearance, and will be subject to a US security background investigation. An active security clearance is preferred.

Parry Labs is an Equal Opportunity / Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex (including pregnancy, gender identity, and sexual orientation), national origin, age (40 or older), disability, genetic information, protected veteran status, or any other factor prohibited by applicable law.