



RF Design Engineer

Under general direction, designs microwave filters for use in state-of-the-art microwave front-ends and SiP's. Responsible for solving major and complex engineering problems in one or more phases of a developmental project involving analysis, research design, development, fabrication and/or testing of a device or system. The candidate selected must have the ability to perform the essential duties and responsibilities with or without reasonable accommodation.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Designs, develops, modifies and evaluates complex devices, products and/or systems. Conceives methods and alternatives for satisfying product goals, specifications and requirements of the project/assignment.
- Design and develop innovative lumped element, resonator, cavity, combline, interdigital, microstrip and suspended substrate filters that operate up to 60+ GHz under harsh environmental conditions, for both military and commercial applications.
- Collaborate with Product Line Engineering to resolve performance issues by performing modeling, optimization, troubleshooting and training of technicians.
- Work with Manufacturing Engineering to facilitate the manufacturing implementation of the filters. Model, prototype and validate measured performance against requirements and iterate designs as required.
- Conducts independent technical investigations involving the origination or modification of material, Components, or process specifications and requirements.
- Generate production ready designs that can be realized economically and require minimal tuning.
- Create test procedures, technical white papers and participate in technical proposal writing.
- Must have expertise with various CAD tools such as AWR, HFSS, ADS, AutoCAD and other design/simulation software. In addition, should have expertise using microwave test equipment such as vector network analyzers.
- Excellent analytical skills required. Must possess excellent communication skills with ability to exchange information and interface effectively with customers clearly and concisely.

Employment Category

- Regular Full Time

Basic Qualifications, Experience, Skills & Education Required

- BSEE required; MSEE preferred.
- Must have a minimum of 12 years of RF design experience.
- Knowledge of microwave IPD's, filters, antennas, test equipment and components.
- AWR Simulation Software
- Strong verbal and written communication skills
- Ability to travel, if required
- Must be a highly motivated, self-driven, goal-oriented individual
- Must be authorized to work in the U.S. This position is located at a facility that requires special access.

Location of Employment

- Albuquerque, NM; selected applicant may be eligible for reimbursement of relocation costs.

Salary Range

- Depends on experience and qualification

Submit all resumes/CVs to careers@3DGlassSolutions.com