



Staff Engineer RF Characterization and Modelling (f/m/div)*

Job description

As RF engineer, you will work within our innovation team to develop innovative next generation RFGaN technologies. You will develop, execute and maintain characterization efforts for RF transistor technology and model development. This includes investigation and implementation of new strategies and ideas. This is a technical ladder position where you will be able to focus deeply on technology – while further pursuing your career.

In your new role you will:

- Contribute to the development of models and **new model developments** for a state-of-the-art, next generation GaN RF technology
- Support of device and product characterization, for both **modelling and technology development** activities
- Critical **analysis of measurement data** and recommendation of improvement measures
- Design, implement and maintain **High Power RF test fixtures**, using rigorous uncertainty methods
- Perform **failure analysis** to solve complex problems
- Deep understanding and optimization of **customer application** including interaction with **key customers**

Profile

You have a proven ability to solve complex problems, generate analysis and draw conclusions. In your work you focus on solutions that offer added value for both the customer as well as Infineon by managing resources responsibly. With your great knowledge and communication style you inspire others for your ideas and explain even complex issues in a clear and convincing manner.

You are best equipped for this task if you have:

- A **PhD** in Electrical Engineering with solid RF background
- Or a **Masters degree** in Electrical Engineering **plus 2-4 years** of professional experience in an RF Power working environment
- Experience in **RF Power device characterization** and design of test fixtures for S-parameter and Load Pull Measurements
- Experience in working with design tools such as **ADS/AWR and C# or SAS JMP**
- Knowledge in semiconductor physics or similar field is a plus

At a glance

Location: **Regensburg (Germany)**
Job ID: **350232**
Start date: **as soon as possible**
Entry level: **1-3 years**
Type: **Full time**
Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search:

Job ID: **350232**
www.infineon.com/jobs

Contact

Franziska Mantei
Talent Attraction Manager



- **Fluent English** language skills, German is a plus
- **Self-motivation** and a **passion for solving RF hardware related measurement problems**

Benefits

- **Regensburg:** Coaching, mentoring networking possibilities; Wide range of training offers incl. training credits and educational leave; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Flexible working conditions; Home office options; Part-time work possible (also during parental leave); Sabbatical; Reserved spots in a close day-care center; Holiday child care during the summer holidays; On-site social counselling and works doctor; Health promotion programs; On-site canteen; Private insurance offers; Wage payment in case of sick leave; Corporate pension benefits; Flexible transition into retirement ; Performance bonus; Reduced price for public transport

Why Us

Part of your life. Part of tomorrow.

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

Power & Sensor Systems (PSS) drives leading-edge power management, sensing and data transfer capabilities – Infineon PSS semiconductors play a vital role in enabling intelligent power management, smart sensitivity as well as fast and reliable data processing in an increasingly digitalized world. Our leading-edge power devices make chargers, adapters, power tools and lighting systems smarter, smaller, lighter and more energy-efficient. Our trusted sensors increase the context sensitivity of “things” and systems such as HMI, and our RF chips power fast and reliable data communication.

[Click here](#) for more information about working at PSS with interesting employee and management insights and an overview with more #PSSDreamJobs.

** The term gender in the sense of the General Equal Treatment Act (GETA) or other national legislation refers to the biological assignment to a gender group. At Infineon we are proud to embrace (gender) diversity, including female, male and diverse.*

