



## Lead Principal Engineer RF Design (f/m/div)\*

### Job description

Are you an expert in wireless communications? Are you passionate about innovation and looking for a new challenge within the semiconductor industry? If you want to lead the design of cutting-edge applications, you cannot miss this opportunity to join Infineon as a Lead Principal Engineer RF Design!

As a Lead Principal Engineer, you will be responsible for leading the design of RF circuits, including LNA, amplifiers, mixers, modules and applications for wireless communications.

In your new role you will:

- **Lead the design of RF circuits**, including LNA, Amplifier, Mixers, modules and application for wireless communication applications;
- **Design innovative mixed-signal RF circuits** in Silicon and III-V semiconductor technologies in RFIC, MMIC and/or discrete solutions;
- **Lead the concept engineering** of analog front-end devices;
- **Lead the design of RFIC, MMIC and module layout**;
- **Understand and optimize customer application** by interfacing with key customers;
- **Lead failure analysis** and be responsible for problem-solving;
- **Lead product characterization, analysis of measurement data** and recommend improvement measures.

### Profile

You are an expert in the field of wireless communications who is able to drive problem-solving while pursuing ambitious goals. You are able to inspire a team and generate value with new ideas and solutions. Furthermore, you put the customer at the heart of your thoughts and actions and build lasting relationships that contribute to the success of the company.

You are best equipped for this job if you have:

- A **Master degree in Electronic/Electrical Engineering**, Physics with solid knowledge in semiconductor physics or a similar field of studies – a Ph.D. is a plus;
- More than 8 years of **professional experience with RF circuits for wireless communication applications**;
- **Experience with enhancement architectures** (envelope tracking, outphasing, Doherty, etc.);

### At a glance

Location: **Nijmegen (Netherlands)**  
Job ID: **336023**  
Start date: **as soon as possible**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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Job ID: **336023**  
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### Contact

**Margarida Carneiro**  
Talent Attraction Manager



- Lab experience and **device measurement and characterization** is a plus;
- System understanding of **3GPP wireless communication standards and requirements**;
- **Technical leadership experience** to consolidate, prioritize and realize product designs;
- **Fluency in English.**

## Why Us

**Part of your life. Part of tomorrow.**

We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future. Efficient use of energy, environmentally-friendly mobility and security in a connected world – we solve some of the most critical challenges that our society faces while taking a conscientious approach to the use of natural resources.

**– 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.*

