



## Staff Engineer Electrical Simulation (f/m/div)\*

### Job description

Our team provides electromagnetic (EM) simulation and characterization support across all Infineon business divisions – from Automotive to Chipcard and Security – as part of the central Backend Innovation Development Department. We simulate, model and optimize microelectronic packages, printed circuit boards, and system components such as embedded passives and antennas. Joining us as Staff Engineer you can grow technically and significantly influence the products of tomorrow.

In your new role, you will:

- Be **responsible for 3D modeling and EM simulation** of complex **microelectronic packages, printed circuit boards, passive components** and **antennas** using ANSYS EM simulation tool
- Develop and optimize RF/mm-wave interconnections, passive components and antennas
- **Support our technology** and **product development teams** with EM simulation and RF expertise and show optimization potentials for future technologies or products
- **Take part in expert rounds** and **gather up-to-date knowledge** for our team

### Profile

In your daily work you pursue high quality and keep the customer informed appropriately, transparently, and regularly. Furthermore, you have a strong passion and the courage to develop new and creative ideas.

You are best equipped for those tasks if you have:

- **A degree in Electrical Engineering** or a related field of study
- **At least 3-5 years of professional work experience** with **ANSYS EM simulation tools** like HFSS, Q3D, Maxwell & Designer
- Strong experience in **simulation, modeling** and **characterization** of microelectronic packages, printed circuit boards, passive components and/or antennas
- Knowledge on EM- **thermal co-simulations** would be beneficial
- Very good **English** communication skills – with **German** being an added plus

### Benefits

### At a glance

Location: **Munich (Germany)**  
Job ID: **348001**  
Start date: **Oct 01, 2022**  
Entry level: **3-5 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: **348001**  
[www.infineon.com/jobs](https://www.infineon.com/jobs)

### Contact

**Florian Nops**  
Talent Attraction Manager



- **Munich:** Coaching, mentoring networking possibilities; Wide range of training offers & planning of career development; 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; On-site creche and kindergarden with 120 spots, open until 6pm; Holiday child care; On-site social counselling and works doctor; Health promotion programs; On-site gym, jogging paths, beachvolleyball, tennis & soccer court; 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 and very own S-Bahn station; Access for wheelchairs

## 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.

The **backend segments** enable the development of comprehensive innovation across the entire value chain: starting with chip manufacturing, to wafer testing, preassembly, package development and development of new materials. The backend cluster combines the competencies for planning, productivity, innovation and quality, assembly and testing.

*\* 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.*

