



## Staff Engineer TCAD (f/m/div)\*

### Job description

Are you a curious person who embraces innovation and its challenges that come along with? Do you enjoy questioning the status quo and consider yourself being part of the driving force? As a TCAD Staff Engineer you will be in a team that develops complex semiconductor devices for Power IC technologies. With this position, you will enter our "Technical Ladder" career path. The Technical Ladder is a special career path for those who share innovative ideas, demonstrate comprehensive technical knowledge, show thought leadership, possess problem solving abilities and are able to create business value.

In your new role you will:

- **Conduct process and device simulations** under guidance.
- **Analysis of data** from simulations, from laboratory measurements and manufacturing data
- **Evaluation of component performance** under guidance
- Contribute to the development team and operate the interfaces within the team to **EDA,REL, Test and Process Integration**
- Participate in the **creation of test chips** and **setting up complex split experiments**

### Profile

You live up to high quality standards, strive for continuous improvement and you develop and implement effective solutions. In doing so, you recognize and use different areas of expertise and skills of your team members.

You are best equipped for this task if you have:

- A degree in **Electrical Engineering, Semiconductor Physics, Microelectronics or similar field**; a PhD would be a plus
- **At least 3-5 years** of relevant professional experience
- Knowledge of **semiconductor technology**
- Experience with **creation and measurement of semiconductor test structures**
- **Fluent English skills**; German is a plus

### Benefits

- **Munich:** Coaching, mentoring networking possibilities; Wide range of training offers & planning of career development; International Assignments; Different

### At a glance

Location: **Munich (Germany)**  
Job ID: **346235**  
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: **346235**  
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### Contact

**Rebekka Kohnle**  
Talent Attraction Manager



Career Paths: Project Management, Technical Ladder, Management & Individual Contributor; Flexible working conditions; Home Office Options; Part-time work possible; Sabbatical; Creche and kindergarden with 180 spots and opening times until 6pm; Holiday Child Care; On-site social counselling and works doctor; Health promotion programs; On-site gym, jogging paths, beachvolleyball, tennis and soccer court ; On-site canteen; Private insurance offers; Wage payment in case of sick leave; Corporate pension benefits; Flexible transition into retirement; Performance bonus; Cheaper ticket for public transport and very own S-Bahn station; Accessibility 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.

**– Power & Sensor Systems (PSS) drives leading-edge power management, sensing, and data transfer capabilities –**

Infineon **PSS** semiconductors are enabling intelligent power management, smart sensitivity, and fast, reliable data processing in an increasingly digitalized world. Our state-of-the-art power and connectivity devices make chargers, servers, mainboards, power tools, and lighting systems smarter, smaller, lighter, and more energy-efficient. In addition, our trusted sensors give things an intuitive sensing capability to make them contextually aware, and our RF chips support fast and reliable data communications.

[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.*

