



## Senior Staff Engineer - Mixed Signal Top Level Integration and Verification (f/m/div)\*

### Job description

This is your chance to further broaden your expertise in Top Level Verification of mixed signal integrated circuits and work on products for automotive applications. Take the opportunity to foster your career in a team of technical experts, who are open to share their knowledge. Join a highly motivated team and enhance yourself further! 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:

- **Review specifications, extract features, define and execute** verification plan
- Be **responsible for the traceability** (Requirements - Verification Domains)
- **Develop top/block level Mixed Signal test-bench and generate directed tests**
- Build and reuse **real numbered analog behavioral models, monitors, and checkers for Analog/Mixed-Signal/digital blocks**
- **Debug failures, fix test-bench/model/checker issues, manage bug tracking**, and analyze and close coverage
- **Write scripts** for automation of flow
- Improve **Mixed Signal verification methodology**
- Manage the **verification process**

### Profile

You actively contribute to putting decisions to work as soon as they are taken and remain focused on solutions, open, and flexible even when under pressure. You feel responsible for your own doing and decisions.

You are best equipped for this task if you have:

- A **degree in Electrical Engineering, Physics** or similar
- At least **5+ years of industry verification/design experience** with **Analog/Mixed-Signal blocks and SOCs**
- Founded **expertise building Mixed-Signal testbenches, checkers and tests**
- Extensive knowledge in **creating and using real-numbered analog behavioral models** in **SystemVerilog/Verilog-AMS** or electrical behavioral models in **Verilog-A**
- Deep **verification skills** in **problem solving, constrained random testing, and debugging**

### At a glance

Location: **Munich (Germany)**  
Job ID: **342667**  
Start date: **as soon as possible**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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### Contact

**Mona Straßmair**  
Talent Attraction Manager



- Profound experience with **a nalog spice as well as mixed-signal simulators** such as **Cadence AMS, Synopsys XA/VCS**
- Understanding of **common analog/digital blocks**
- **Team spiri t**, excellent communication skills and the desire to take on diverse challenges
- 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 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.

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.

### – Automotive (ATV) shapes the future of mobility with micro-electronics enabling clean, safe and smart cars –

Semiconductors are essential to realize key trends like eMobility, automated driving and secure, connected cars. Infineon ATV is the #1 semiconductor partner in the fast-changing automotive world, based on our system knowledge coupled with our passion for innovation and quality. We are a key driver in the ever-advancing pace of digitalization in the automotive industry.

Click here for more information about working at ATV with interesting employee and management insights and an overview with more #ATVDreamJobs.

*\* 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.*

