



## Senior Staff Engineer for Digital Verification Automotive (f/m/div)\*

### Job description

Would you like to be at the forefront of cutting-edge automotive power electronics technologies and become part of our success story? You have a pioneering spirit, passion for technologies and would like to shape the future? Then, apply now to join Infineon's Body Power department in Munich as a Senior Staff Engineer for Digital Verification Automotive. Here you will have the chance to work on products used by almost all big car makers and being involved along the whole product development life time, from concept till ramp up. With this position, you will enter our "Technical Ladder" career path. The "Technical Ladder" is a career path for all those who are motivated to demonstrate their high level of technical understanding, who develop, share and drive innovative ideas with colleagues, have strong problem-solving skills and thus contribute significantly to the company's success.

In your new role you will:

- Interpret **product specifications** and (customer) use cases to **develop and maintain pre-silicon verification plan**
- Create and maintain a **UVM regression test bench** and **Hardware-Firmware co-verification environment on system level** using proper mix of constrained-random and directed tests
- **Execute and debug tests** with design engineers to ensure functionally correct design blocks (RTL and gate level)
- Plan and monitor **verification tasks and report progress to the project manager**
- Support the **product validation and qualification** till production testing ramp-up
- Drive and support **risk assessment** and management, design-product FMEAs

This job is suitable for full- and part-time.

### Profile

You demonstrate strong communication skills, know how to establish lasting relationships and networks, clarify areas of responsibility, coordinate your work with colleagues and regularly share your insights with them. Moreover, you have a structured work style and demonstrate high quality standards for yourself and other people.

You are best equipped for this task if you have:

### At a glance

Location: **Munich (Germany)**  
Job ID: **337966**  
Start date: **as soon as possible**  
Entry level: **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: **337966**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)

### Contact

**Tobias Pfundtner**  
Talent Attraction Manager



- A degree in **Electrical or Electronic Engineering** or equivalent and at least 5 years of **pre-silicon verification experience** including advanced verification methods (UVM)
- Experience with **C-based SoC and firmware-hardware co-verification** as well as with **SoC and module level verification test-bench architectures**
- Exposure in **Requirements Driven Verification**, Aspice know-how desired
- Very good knowledge of **µController-based systems** and proficient in UVM, assertion based verification and object-orientated approach
- Good knowledge of **C** and **C++** as well as scripting languages such as **Python**
- An **independent and self-responsible working style**
- Fluent **English** communication skills, **German** skills as 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.*

