



## Senior Staff Verification Engineer for Security IP (f/m /div)\*

### Job description

UVM and Format Verification are not just abstract terms for you, but your daily tools of the trade? You already have technical expertise in the area of hardware verification and are eager to share this with your colleagues? As Senior Staff Engineer for Security IP, you will be responsible for ensuring that design meets the specified requirements in all modes and configurations.

In your new role you will:

- Profoundly define the **verification concept for new safety modules**
- Be in charge of **developing UVM-based environments** for security modules
- Determine the **implementation or verification specification**
- Design test bench components and tests in **System Verilog UVM**
- **Debug** failing tests and analyze the **root-cause**
- Perform and evaluate **verification regressions** and **ensures high quality deliveries**
- Be in charge of monitoring and reporting the **verification status**

### Profile

You create a work environment for the highest quality standards. At the same time, you ensure that your ideas come to their full potential and implementation. Last but not least, you are able to cooperate across borders while valuing the contributions of others.

You are best equipped for this task if you have:

- A degree in **Electrical Engineering, Physics, Mathematics** or comparable
- Several years of **professional experience in the field of functional verification**
- Profound knowledge of **System Verilog and UVM** verification methodology and complex module test benches
- Verifiable expertise in other verification methods, e.g. **formal verification**
- Experience in using **digital simulators** like Cadence XCellium and knowledge in **script languages** (Perl, Python, etc.) and data management systems (Clearcase, GIT, etc.)
- Experience in **technical lead of small teams**
- Fluent **English** communication skills, preferably also good **German** communication skills

### At a glance

Location: **Munich (Germany)**  
Job ID: **335489**  
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: **335489**  
[www.infineon.com/jobs](https://www.infineon.com/jobs)

### Contact

**Tobias Pfundtner**  
Talent Attraction Manager



## 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.

– **Connected Secure Systems (CSS) delivers security for the connected world –**

The **Connected Secure Systems (CSS)** segment offers comprehensive systems for a secure, networked world with a portfolio built around reliable, trendsetting microcontrollers as well as wireless connectivity and security solutions. Over the past decades, CSS has developed microcontroller, Wi-Fi, Bluetooth and combined connectivity solutions (known as connectivity combos) and hardware-based security technologies. The products are used in a broad range of applications: from consumer electronics, IoT and home appliances to IT equipment, cloud security and networked cars all the way to credit and debit cards, electronic passports and IDs. With its leading technologies in the areas of computing, connectivity and security, CSS makes a decisive contribution to protecting today's and tomorrow's networked systems.

[Click here](#) for more information about working at CSS with interesting employee and management insights and an overview with more #CSSDreamJobs.

*\* 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.*

