



Senior Software Engineer for Analog/Mixed-Signal Verification Environments (f/m/div)*

Job description

Infiniteon's engineers develop state-of-the-art semiconductor solutions. This is only possible with a cutting-edge design flow as a basis. Do you want to lay the groundwork for how Infineon's products of the future are optimized for robustness, power efficiency and highest performance? With this position you can influence pre-silicon verification methodology used by Infineon's designers worldwide by bringing up new innovative software solutions.

In your new role you will:

- **Develop our software tools for automated simulation-based verification** of analog/mixed signal circuits
- **Improve existing software modules** including refactoring and maintenance of existing code
- **Train and support** our worldwide user community
- **Write technical documentation** and strive for quality by complying to all relevant QA processes
- **Challenge our existing verification processes** and devise better and more efficient ways of IC product development and verification
- **Develop and integrate new or adapted verification methods and software tooling** into our established design flow

Profile

An Infineon user is your first priority – we want to develop functionalities that help in the daily chip development process. Therefore, it is important to 'translate' user requirements into specifications – while having an eye for the details. As we are working in a team, but also in standalone projects, you should bring flexibility in your working style as well as good self-management.

You are best equipped for this task if you have:

- A degree in **Computer Science, Electrical Engineering** or related areas
- At least 1-3 years of professional work experience in **software design and implementation or electronic design automation (EDA)** or a related technical area
- Good programming skills with focus on **object-oriented software development** (e.g. Java, C++) in **Unix environments** and familiarity with working and scripting on Linux; **Perl** skills are an advantage

At a glance

Location: **Munich (Germany)**
Job ID: **334266**
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: **334266**
www.infineon.com/jobs

Contact

Alexander Greie
Team Lead Talent Attraction



- Familiarity with **agile software development techniques**
- Some hands-on experience with **EDA environments** (e.g. Cadence Virtuoso/ADE) and simulation of **analog/mixed-signal circuits** (e.g. Spectre, HSPICE) is a benefit
- Fluent **English** skills with **German** seen 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; 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.

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.

The central R&D organization „**Design Enabling and Services**“ (**DES**) provides the design environment to the different Infineon product development teams. With state-of-the-art design methods, building blocks and a wide range of product development services DES supports Infineon's advanced IC development from early high level system models to verified products ready for manufacturing.

** 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.*

