



Senior Staff Concept Engineer / System Engineer (f/m/div)*

Job description

Would you like to develop abstract system models and virtual prototypes for mixed-signal systems (SystemC, Matlab, ADS, HFSS)? If this sounds interesting to you, then come and join our team as Senior Staff Concept Engineer / System Engineer (f/m/div)*. We look forward to receiving your application! 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:

- **Development of abstract system models and virtual prototypes** for mixed-signal systems (SystemC, Matlab, ADS, HFSS)
- **Advancement of development methodology** regarding virtual prototyping
- Close cross-functional **collaboration with application engineering and product development teams**
- **System architecture and concept engineering** including the analysis of requirements
- **Creation and maintenance** of specification documents
- Review of **patents**

Profile

You are able to quickly establish a successful cooperation, clarify areas of responsibility, coordinate your work with colleagues, and regularly share your insights with them. You are personally committed to the customer's concerns and award them a high priority and focus your efforts on finding solutions that offer added value for both sides. You set yourself ambitious goals, remain aware of the big picture even in complex situations and take decisions despite uncertain circumstances.

You are best equipped for this task if you have:

- A degree in **Electrical Engineering, Computer Science, Telecommunications, Applied Physics, Mathematics** or a similar program
- **At least 5 years** of experience in **C++ programming**
- Good knowledge of **SystemC**
- Experience in **mixed-signal modelling, Cadence (ADI&AMS flow)** as well as **SystemC analog-mixed signal design** and/or **VHDL/Verilog** is a plus

At a glance

Location: **Munich (Germany), Linz (Austria)**
Job ID: **359523**
Start date: **Sep 01, 2022**
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: **359523**
www.infineon.com/jobs

Contact

Dagny Alexa Romeike
Talent Attraction Manager



- A **DSP background** (is an advantage)
- **MS Office, Matlab** and **Unix** skills
- **Fluent English skills** with 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
- **Linz:** 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 social counselling and works doctor; Health promotion programs; Private insurance offers; Wage payment in case of sick leave; Corporate pension benefits; Flexible transition into retirement; Performance bonus; 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.

– Automotive (ATV) shapes the future of mobility with microelectronics enabling clean, safe, and smart cars –

Our semiconductors are essential for supporting the automotive megatrends: electromobility, automated driving, connectivity, and advanced security. They link the real and the digital world, driving the ever-advancing pace of automotive digitalization. Infineon **ATV** is the number one semiconductor partner in the fast-changing automotive world, based on our system knowledge and our passion for innovation and quality.

[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.*

