



Staff Engineer Component Verification (f/m/div)*

Job description

You want to contribute to the implementation and execution of post silicon verification and characterization tests to ensure a complete and systematic verification /characterization for new automotive Motor Control ICs and Gate Drivers? Then, join our team in Munich as Staff Engineer Component Verification! In this role, you are in charge of the characterization of new Infineon Intelligent Motor Control ICs during their whole lifetime working together with application, concept, design and test engineers. 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:

- Contribute to the **implementation and execution of post silicon verification and characterization tests** to ensure a complete and systematic verification/characterization for **n ew automotive Motor Control ICs and Gate Drivers**
- **Plan the post silicon verification activities** and **develop innovative verification and analysis methods**
- **Define and develop automated solutions** for system verification in close collaboration with the team
- **Solve technical problems** and **execute verification tests** to assess new silicon together with application, concept, design and test engineers
- **Review and release verification concepts and specifications** for new ICs during the development process in cooperation with the team
- **Provide post silicon verification reports** as basis for customer communication
- **Provide conclusive analysis on technical issues** as well as verification requests from internal and external customers

Profile

You are able to take in information quickly and eager to learn about new subjects. Furthermore, you demonstrate excellent communication skills to establish lasting relationship and networks. As a true team player, you think and act in a cooperative way and are able to recognize and use different areas of expertise and skills of your colleagues. Simultaneously, you live up to high quality standards and strive for continuous improvement.

You are best equipped for this task if you have:

- A **degree in Electrical Engineering** or a similar field of study;

At a glance

Location: **Munich (Germany)**
Job ID: **357276**
Start date: **Sep 01, 2022**
Entry level: **3-5 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: **357276**
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Contact

Dagny Alexa Romeike
Talent Attraction Manager



- **At least 3-5 years working experience in post-silicon component verification** of mixed signal power circuits;
- Good knowledge of **measurement technologies and methodologies**;
- Solid knowledge of **high-power mixed signal semiconductor devices**, applications and physics;
- **Programming skills** in **VBA** and **MATLAB** for control of instruments (PXI, power supply, oscilloscope, signal generators);
- Ideally some experience with **design, assembly, test and debugging** of discrete power circuit boards;
- **Fluent English** communication skills; German is an advantage

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.

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 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.*

