



Staff Engineer Test Engineering Firmware (f/m/div)*

Job description

As our new Test Engineer for our Automotive Microcontroller Firmware your main responsibility will be to develop suitable measurement setups and methods to guarantee the functionality and performance of our embedded products. In this function, you will play a main role when it comes to product verification, contributing in that way to our stakeholder's requirements and expectations. This position can be filled in Munich or in Langen. With this position you will be entering our „technical ladder”: our career path for experts. You will be able to focus deeply on technology – while further pursuing your career. As you continually expand your expert knowledge, puzzle over matters and solve problems, you will position yourself as a thought leader – thus helping our products improve our world a bit more each day.

In your new role you will:

- **Establish frameworks** for **Hardware Software Co-Verification**
- **Plan verification** and **regression activities** following predefined lifecycle stages
- Ensure **work process compliant** and **high-quality verification signoff**
- Be responsible for the self-contained **execution of assigned verification tasks leading smaller sub-team**
- **Debug and solve problems** during development and system integration

Profile

You align customer requirements and Infineon's interests and carefully weigh opportunities and risks. You drive your tasks forward with commitment, passion and proactivity. You always maintain an overview even in complex situations and are used to making responsible decisions even under difficult circumstances. At the same time, your strong communication skills help you to work together profitably in the team and with internal partners across departments and countries.

You are best equipped for this task if you have:

- **A degree** in **Electrical Engineering, Industrial Engineering, Physics** or similar
- At least 3-5 years of working experience in **Hardware / Software Verification**
- Experience in **firmware test case planning, design and development** with a proven track of records in respective **testing activities**
- Extensive knowledge in **hardware verification** of at least **Subsystem or SoC level** and proven **ability to take leadership** in your field of expertise, experience in **SW verification** is a plus

At a glance

Location:	Munich (Germany), Langen (Germany)
Job ID:	344670
Start date:	as soon as possible
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: **344670**
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Contact

Nadine Patriarca Roth
Talent Attraction Manager



- Very good knowledge in at least one **hardware verification language** (SystemVerilog, Specman-e, Vera)
- Knowledge in at least one **HDL** (Verilog or VHDL), **Embedded-C**, and at least one **assembler language**
- Proficient with **debug techniques** at different level (embedded software to hardware signal-based debug)
- Good **communication** and **collaboration** skills in **English**

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
- **Langen:** 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); Health promotion programs; Medical coverage; Wage payment in case of sick leave; Corporate pension benefits; Performance bonus; 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.

Microcontroller

The Infineon business segment MC (Microcontroller) is strongly growing with the latest TriCore Microcontroller generation AURIX, offering the latest innovation in performance, connectivity, power consumption, safety, and security. Furthermore, the key application segments are targeting segments with high innovation potential and highest market growth such as Advanced driver Assistant systems. As part of the automotive business unit, the focus of MC is on the requirements of the automotive market from motorcycle to truck applications. **#AutomotiveMicrocontroller**

** 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.

