



Senior Staff Engineer Product Test Concept and Development (f/m/div)*

Job description

As our new Senior Staff Engineer Product Test Concept and Development (f/m/div*) you are involved in the entire project lifecycle and act as a quality gate that every single Infineon chip has to pass, you work in a highly professional team being responsible for the definition of test concepts and test cases in close cooperation with concept engineers, design engineers and lab verification engineers. 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:

- Leverage given **DfT** (Design-for-Test) and **BIST** (Built-in Self-Test) concepts to maximize test and verification coverage and minimize test cost optimize yield
- **Solve yield issues** by **identifying test problems** and balancing product performance with respect to test specification
- **Raise synergies between production engineering and test development** (statistical and analytical problem identification and solving)
- **Define smart and time optimized test algorithms** for RF and mixed signal test
- **Contribute strongly to problem-solving strategies** with your statistical and analytical mind-set
- **Collaborate with multi-location chip design teams** on the development of innovative test solutions for analog and mixed-signal integrated circuits, like ADC, PMU, PLLs, RF-VCOs and LNAs as well as Downconverters
- **Identify yield detractors and develop solutions and lead problem solving teams**

Profile

As a true team player, you treat your colleagues with respect and trust. You are precise, highly motivated and keen to develop yourself within a professional, innovative, and multi-cultural environment.

With your understanding of defect-oriented test strategy and state-of-the-art test systems you will be a great contribution to our team!

You are best equipped for this task if you have:

At a glance

Location: **Munich (Germany)**
Job ID: **350466**
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: **350466**
www.infineon.com/jobs

Contact

Nadine Patriarca Roth



- A university degree in **Electrical Engineering, Microelectronics, Applied Sciences** or comparable
- In depth **Radar** and **System** knowhow
- At least **5+ years** of profound experience in **test and verification program development** on ATE platforms Teradyne J750 / UltraFlex, FusionCX, ADV93k is a benefit
- Knowledge of **test optimization methodologies** for mixed signal/digital test of ADCs, DACs, PMUs, PLLs, JTAG, I2C, SPI, PowerAmps
- Great enthusiasm to **perfecting code efficiency** by **hardware-oriented programming**
- Very Strong in statistical and analytical problem-solving strategies
- Fluent **English** communication skills, **German** is 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.

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.

– **Power & Sensor Systems (PSS) drives leading-edge power management, sensing and data transfer capabilities** –

Infineon **PSS** semiconductors play a vital role in enabling intelligent power management, smart sensitivity as well as fast and reliable data processing in an increasingly digitalized world. Our leading-edge power devices make chargers, adapters, power tools and lighting systems smarter, smaller, lighter and more energy-efficient. Our trusted sensors increase the context sensitivity of “things” and systems such as HMI, and our RF chips power fast and reliable data communication.

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

** 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.*

