



Senior Engineer Design-for-Test (f/m/div)*

Job description

Would you like to review and contribute to the DFT architecture and implement and verify DFT logic in RTL and gate-level? We are looking for a new team member. If this position sounds interesting to you, then please apply now!

In your new role you will:

- **Be part of the Design for Test team** to develop and enhance our solutions for complex automotive **multi-core SOC**s and **mixed-signal MCUs**
- **Drive DFT implementation** in the digital design and mixed signal IC for AASBD products
- **Understand the functionality** of the different DFT implementation
- **Implement DFT functionalities in digital design** by using state-of-the-art EDA tools
- **Develop DFT patterns**, using ATPG, which meet product test requirements for Scan Stuck-At, Transition Delay, Memory BIST and Logic BIST
- **Support the test development engineering group** with ATE (Automatic Test equipment) file requirements for pattern generation

Profile

You strive for continuous improvement and feel responsible for and contribute to the team's success. You are able to quickly establish a successful cooperation and clarify areas of responsibility, coordinate your work with colleagues, and regularly share your insights with them. You have a clear notion of how innovation contributes to the commercial success of the company and concentrate your creativity and knowledge on producing results with real added value.

You are best equipped for this task if you have:

- A degree in **Electrical Engineering, Electronics, Microelectronics, Microsystems** or similar
- **Minimum 2 to 3 years of demonstrated experience** in DFT implementation and ATPG flow
- Fundamental knowledge on **Semiconductor Device Physics** and **Microelectronics**
- Experience with **EDA test implementation** and **simulation tools**
- Understanding of **ATE pattern generation format** (vcd)
- Good knowledge in **tcl, perl** or **python**
- High level of **self-motivation, drive, open-mindedness** and **teamwork skills** are desired

At a glance

Location:	Munich (Germany), Langen (Germany)
Job ID:	342806
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: **342806**
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Contact

Dagny Alexa Romeike
Talent Attraction Manager



- **Good communication** and **technical reporting skills**, both written and oral
- **Fluent English** skills; German knowledge would be 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
- **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; Private insurance offers; 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 latest TriCore Microcontroller generation AURIX, offering 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 motor cycle 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.*

