



Principal Engineer Test Board Technology (f/m/div)*

Job description

Do you want to contribute to the high quality of our products and minimize damages at a wafer level? Do you enjoy working in a lab environment? As Principal Engineer Test Board Technology at backend segments, you will take part in leading R&D innovation projects through probing technology and wafer testing.

In your new role you will:

- Contribute to the definition of **new design and assembly standards for test board technology in final and wafer test area**
- Perform **verifications of board designs** prior to the assembly
- **Analyze failure behavior** of test boards and electronic circuits directly at the test machine
- Work closely together with expert team in Munich and with experts from the reliability, failure analysis and quality management departments
- Prepare **debug, qualification reports and presentations** and discuss the results with your stakeholders
- Act as a **contact person** for test board technology, product & test development and operations
- Participate in **research and development projects of innovative methods and technologies** for semiconductor test in cooperation with internal and external partners

Profile

In your daily work you pursue high quality and ensure good results by foresighted planning. You actively listen to your customers and are open to new ideas and other ways of thinking. Moreover, you treat your colleagues and partners with trust and respect.

You are best equipped for this task if you have:

- Degree in **Electrical Engineering, Electronic Engineering** or similar fields of studies
- At least **6 years** of relevant professional experience in semiconductor **test technology, wafer test or test development engineering**
- Experience with **programming and software tools** (e.g. Python, C, VBA, LabView, Orcad, Altium, Spice)
- Strong understanding of **electronic engineering principles** in areas including analog and digital circuits, power devices, and high-speed signal integrity

At a glance

Location: **Munich (Germany)**
Job ID: **353667**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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Contact

Bari Guritno
Talent Attraction Manager



- Understanding of **physics, mechanics, contact technology** required
- Fluent **English presentation skills** - **German** skills would be 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

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.

The **backend segments** enable the development of comprehensive innovation across the entire value chain: starting with chip manufacturing, to wafer testing, preassembly, package development and development of new materials. The backend cluster combines the competencies for planning, productivity, innovation and quality, assembly and testing.

** 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.*

