



Principal Engineer Reliability (f/m/div)*

Job description

In this position, you technically own the complete technology qualification with strong focus on metallization and chip package interaction. Furthermore, you are responsible for driving the project risk assessment, for defining the overall reliability test plan, the technical assessment and the report generation. If this sounds interesting to you, then join our team. Apply now! With this position, you will enter our "Technical Ladder" career path. 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:

- **Technically own the complete technology qualification** with strong focus on **metallization and chip package interaction**
- **Be responsible for driving the project risk assessment**, for defining the **overall reliability test plan**, the **technical assessment** and the **report generation**
- **Ensuring compliance** with quality standards
- **Manage communication with internal and external customers**, including alignment with product QMs
- **Develop novel stress test methods** to understand reliability and failure issues that may impact the targets
- Be expected to **independently define, justify, prioritize and lead technology qualification and improvement projects**, including driving experiments, characterization, physical analysis, and problem solving
- **Continuous improvement and optimization of quality methods and cost**
- **Mentoring, training and drive junior engineers**

Profile

You know how to make use of your potential (and/or capacity) and motivate yourself and others to achieve top results and performances. You have a realistic sense for your strengths and needs for development. You are personally committed to the customer's concerns, award them a high priority and focus your efforts on finding solutions that offer added value for both sides. You are able to quickly establish a successful cooperation and recognize and use different areas of expertise and skills of the team members.

You are best equipped for this task if you have:

At a glance

Location: **Munich (Germany)**
Job ID: **362776**
Start date: **Sep 01, 2022**
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:

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Contact

Dagny Alexa Romeike
Talent Attraction Manager



- A **Master degree** or **PhD** in a relevant technical field such **physics, material science, electrical engineering, chemical engineering** with **minimum of six years semiconductor experience**
- Working experience and knowledge on **semiconductors fabrication** and **electrical characterization**
- **Solid experience in the reliability** field such as **stress tests, parametric test structures, failure analysis** and **failure and aging mechanisms, acceleration models**
- **The ability to work in teams** and **collaborate effectively** with people in different functions and **capable to technically lead small teams**
- Demonstrated **strong analytical** and **problem-solving skills**
- Strong **verbal and written communication skills**
- An advanced level 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

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.

Quality Management

Infineon´s Quality Management department acts proactively to satisfy the needs of our customers to increase their success and to ensure 'best in class' product quality. Internally the department develops a living quality culture at all levels within the automotive division and at our partners.

** 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.*

