



Principal Engineer Technology Development (f/m /div)*

Job description

Do you want to be part of the development of the next generation RF and sensor technologies? Are you keen on innovation and trying out of the box solutions? As Principal Engineer Technology Development you will expand your knowledge of and implement your ideas for new features for Infineon's wafer technology platforms. You will come into contact with the latest application-specific devices for sensor and radio-frequency applications and bring the research and development of components for mobile devices on the next level. Sounds interesting? Then join one of the best industry experts in Munich and find all the conditions you need to achieve success! 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:

- **Be an expert for the development of new technologies and manufacturing steps for sensor and RF products**
- **Develop integration schemes** along the technical process chain from the metallization to the completed products and **drive technical decisions**
- **Lead bigger development activities as a technical project leader** with internal and external partners in an international environment
- **Generate intellectual property by invention disclosures** and by supporting patent activities
- **Advice proactively reverse engineering activities** in your field of expertise
- **Consult the manufacturing organizations in problem solving**, e.g. by participating in focus teams

Profile

You are characterized by a precise and structured way of working and are able to dive deep into technical details. Delivering quality to the customer is very important to you. Furthermore you challenge the status quo, and courageously explore new paths. At the same time, your pro-active and communication skills will help you to work together profitably with various colleagues across departments.

You are best equipped for this task if you have:

- A degree in **physics** or **electrical engineering** or an equivalent field

At a glance

Location: **Munich (Germany)**
Job ID: **353921**
Start date: **Oct 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:

Job ID: **353921**
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Contact

Katharina Niedermeier
Team Lead Talent Attraction



- **At least 6 years of relevant experience** in the field to enter the technical level directly in a high-tech technology development environment
- **Deep technical understanding in semiconductor manufacturing processes** and their integration; ideally you have work experience in at least two out of the four fields:
 - o Metallization
 - o Far-BEOL
 - o Pre-assembly
 - o Wafer back-side processes
- **Previous experience in technical project management** or people management
- The ability to **communicate effectively in cross-functional, multi-site and international teams**; former international experience is an advantage
- **Proven ability to solve problems** with higher complexity involving expert networks
- You need to be **open-minded for innovation** and the **willingness to learn and apply new methodology**
- **Excellent written and spoken** communication 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

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.*

