



## Staff Engineer Sensor Development (f/m/div)\*

### Job description

With our society rapidly experiencing a digital transformation, IoT, energy efficiency and carbon neutrality are becoming an urgent necessity which drive technology forward. This represents an exciting market opportunity for Infineon Technologies, given our extensive sensor portfolio and our advancing system strategy towards sensing, computing and connecting. To address this growing demand, we are forming a focused global team that will lead and execute our future strategy, while exploring completely new fields. Do you want to live innovation every day? Do you feel at home around the lab? Are you keen on making use of your creativity to develop breakthrough test concepts and setups? Don't miss out this opportunity and apply now to your #PSSDreamJob in our Division „Power Sensor Systems“.

In your new role you will:

- **Test and characterize MEMS sensor products by various techniques** (physical, electrical, acoustical and optical) on packaged and on wafer level to ensure specified sensor requirements
- **Be responsible for the technical development** by teaming up with concept, design, technology, quality, marketing and production experts
- Manage **failure analysis** to improve design concepts and optimize requirement definition
- **Develop new sensor test concepts** following product and application needs
- **Team up with marketing** to provide technical support to our customers
- **Report results and recommendations** to the product development team and management

### Profile

You have a high degree of analytical skills and innovative power and come up with new ideas. You strive to get the best results and demonstrate high quality standards for yourself. Besides that, you trust in others and treat each other with fairness and respect.

You are best equipped for those tasks if you have:

- A degree in **Mechanical or Electrical Engineering, Microsystems Technology, Physics** or similar
- At least **3-5 years of professional experience** in the semiconductor industry
- **Deep understanding of sensor devices and applications**
- Working knowledge in **MEMS design, packaging and test**; in addition, **acoustic testing** and **ASIC design** knowledge are a plus

### At a glance

Location: **Munich (Germany)**  
Job ID: **347563**  
Start date: **as soon as possible**  
Entry level: **3-5 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: **347563**  
[www.infineon.com/jobs](https://www.infineon.com/jobs)

### Contact

**Florian Nops**  
Talent Attraction Manager



- Hands-on experience in **(sensor) testing and characterization**
- Working experience in **MATLAB**; in addition, Python and C# are a plus
- **Self-driven and proactive** in driving tasks and progress
- Strongly **methodical and analytical** when approaching problems
- **Solid networking, team, and communication** skills
- Very good **English language 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 (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.

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

Infineon **PSS** semiconductors are enabling intelligent power management, smart sensitivity, and fast, reliable data processing in an increasingly digitalized world. Our state-of-the-art power and connectivity devices make chargers, servers, mainboards, power tools, and lighting systems smarter, smaller, lighter, and more energy-efficient. In addition, our trusted sensors give things an intuitive sensing capability to make them contextually aware, and our RF chips support fast and reliable data communications. [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.*

