



Staff Engineer MEMS Concept Engineering (f/m/div)*

Job description

Are you familiar with product development of sensors for consumer markets and keen to characterize, design and simulate MEMS? As a Staff Engineer MEMS Concept Engineering you innovate new MEMS sensor products with the goal to launch it on the consumer market. With this position, you will be part 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:

- **Improve MEMS sensor systems** by **multi physical domain simulations** (mechanical, electrical, acoustical, fluidical)
- Develop **design rule checker** and generate **automatized layouts of complex MEMS designs**
- Understand **system and application needs** in close alignment with **technical marketing**
- Innovate **new sensor products, secure IP** and shape the **product development roadmap**
- Test and characterize **MEMS sensor prototypes** by various techniques on **packaged and wafer level**
- Generate **high quality reports** and **communicate results proactive** to the project team

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 or PhD in Electrical Engineering, Microsystems Technology, Physics** or similar field
- At least **3-5 years of professional experience** in the **semiconductor industry**
- Expert knowledge in **FEM** and **lumped-element simulation**
- Hands-on experience in **sensor characterization** and **testing**
- High degree of **analytical skills** and **innovative power**
- Good **networking, team** and **communication** skills

At a glance

Location:

Job ID: **345619**

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: **345619**

www.infineon.com/jobs

Contact

Florian Nops

Talent Attraction Manager



- Very good **English** language skills, speaking **German** is a plus

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 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.*

