



Senior Staff Engineer RFI for MEMS Sensors (f/m/div)

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Job description

The digital transformation provides a new set of solutions for the key societal goals of energy efficiency and carbon neutrality, such as the IoT. Our leading position in MEMS development, extensive sensor portfolio and continuously evolving system strategy towards sensing, computing and connecting allow Infineon Technologies to capitalize on this market opportunity. To this end, we're creating a dedicated global team, including excellent engineers, that will lead and execute our 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 applying your creativity to develop breakthrough test concepts and setups? If so, we are looking for you as our Senior Staff Engineer RFI for MEMS Sensors to help us deliver our ambitious goals! 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:

- **Be responsible** for 3D electromagnetic simulations of packaged sensors as well as printed circuit boards for RF Immunity (RFI) robustness
- **Optimize existing sensors packages** by integrating RF filters
- **Develop simulation and test methods** for sensor RFI robustness
- **Develop test hardware for sensor development** with focus on EMC
- **Report results and recommendations** to the product development team and management

Profile

We are looking for someone who goes beyond continuously demonstrating excellent technical skills and leveraging their deep experience. You feel responsible for and contribute to the team success, are able to quickly establish a successful cooperation and promote an awareness for quality in your area of work. Furthermore, you have a clear notion of how innovation contributes to the success of the company and focus your creativity and knowledge on producing results with real added value.

You are best equipped for this task if you have:

- A degree in **Electrical Engineering, Physics, Mechatronic Engineering, Microsystems Technology** or similar
- **At least 5 years of professional experience in simulation and lab related role with focus on RF and EMC**

At a glance

Location: **Munich**
Job ID: **317687**
Start date: **immediately**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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Contact

Alexander Greie
Talent Attraction Manager



- **Very good experience** in working with **design tools** such as ANSYS HFSS, Q3D, NEXXIM or HSPICE
- **Technical leadership skills** in solving problems and act as an **expert** to the **sensor development team**
- **Solid experience** with CAD **ALTIUM, AUTOCAD** is a big plus
- **Hands-on experience** in **RF test development** (Hardware/Software), **knowledge** in **sensor characterization**
- **Knowledge** in **MEMS functionality, design and test** is a plus
- **Excellent written and spoken English communication and presentation skills**, German is advantageous

