



(Senior) Staff Engineer Parameter and Device (f/m /div)*

Job description

We develop robust technologies and ensure stability and quality through immediate deviation detection, fast root cause understanding and sustainable corrective action implementation through the whole production cycle.

In your new role you will:

- Take over the **technical leadership for the Device process integration modul**
- Assess and assure **device requirements** during the front end wafer production for **CMOS technologies**
- **Support model to hardware comparisons and assess deviations**
- Contribute to the **overall process integration concepts** by analyzing the demand for change, defining improvement projects and leading them to the roll-out
- Be responsible to **define and implement relevant electrical parameter sets** to assure technology monitoring and customer delivery
- **Analyze and solve** new and **very complex technology problems** to improve the front end technology
- **Assure technology synchronization with other production sites**
- **Support and cooperate closely with product engineering**, unit process experts, product design and technology development as well as with various other colleagues along the technology development process

Profile

We need your creativity to find solutions to react fast and accurate for different technical challenges. Furthermore you convince people with your analytical ideas and excellent communication and presentation skills.

Finally you take over a technical leadership role, but you are also still open to others' input, which might be necessary for finding the perfect solution.

You are best equipped for this task if you have:

- a **Phd or Master/Diploma in physics, electrical engineering or any microelectronic related field**
- at least **3 years of experience** in Device physics, Volume Data Analyses, Statistical Methods and Design of Experiment
- deep understanding of the **Front End Wafer Technology Processes**

At a glance

Location: **Dresden (Germany)**
Job ID: **348092**
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: **348092**
www.infineon.com/jobs

Contact

Marcel Berthold
Talent Attraction Manager



- preferably some experience in collaboration within **cross functional, multicultural project teams**
- very good **English and German** language skills

Benefits

- **Dresden:** 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 in office jobs; Home Office possibilities; Part-time work possible (also during parental leave); Spots in local kindergarden; On-site social counselling and works doctor; Health promotion programs; Fitness Room; 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, car sharing, charging station for e-cars and e-bikes; Accessibility, 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.

The Frontend (FE) cluster offers a broad range of manufacturing competence specialized in high-quality logic products. The portfolio represents Power, Bipolar, Sensor, Passive and Diode technologies as well as CMOS, RF-CMOS and embedded flash technologies. The manufacturing sites in Dresden, Kulim, Regensburg and Villach are committed to Operational Excellence with strong customer focus.

** 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.*

