



Principal Device Technology Development 3D Imager (f/m/div)*

Job description

Shape the future of power semiconductors and work with us at Infineon! In this function you represent the technology development and innovation projects for Infineon's Power & Sensor Systems (PSS)- technology development group at our site in Dresden. You will initiate and realize new device and technology concepts at the involved manufacturing sites (Infineon and Partner Companies) during the Innovation and R&D phase. As part of our career path "Technical Ladder" you will be an expert in a global development team!

In your new role you will:

- **Translate product roadmap** requests into device and **technology concepts**
- **Contribute** to the technology roadmap definition with **content definitions and innovation ideas**
- **Develop** new **technology nodes** and options in **synchronization** with the volume **production plan**
- Define and realize **technology development work packages** according target specification
- **Drive** and control innovative **technology solutions** to realize better performance and new functionalities
- **Coordinate all synchronization tasks on device level** to reach the targeted functionality equal at all manufacturing sites
- Prepare **management decision proposals**, reports, documentation and advises
- Realize **Design Manuals** based on the technology definitions and act as **interface** to all design related questions
- **Interact across** other organizations, sites and expert groups
- **Deliver full functional devices**, documented in the design package including models for future Integrated Circuit platform technologies
- **Act as mentor expert** for the technology team and as **discussion partner** towards our development partners

Profile

As a Principal (f/m/div)* for the PSS department you contribute your expertise and skills and make sure that professionally correct decisions are taken. You take over execution leadership in your work with management and interdisciplinary partners. Furthermore you know the factors for continuous improvement, successful innovation and foster the necessary conditions. Your strong intercultural communication skills help you interacting across organizations and to closely collaborate with different sites

At a glance

Location: **Dresden (Germany)**
Job ID: **334533**
Start date: **as soon as possible**
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: **334533**
www.infineon.com/jobs

Contact

Felix Krackau
Talent Attraction Manager



and expert groups.

You are best equipped for this task if you have some of these properties:

- A **Master/Diploma** after studies in **physics and/or (micro-) electronics**, or **equivalent years of experience** in these fields of activity
- **Several years** of experience in a **semiconductor environment**, ideally in sub μm technology
- Experience in **project management tasks** and controlling focus for state of the art project management
- The **ability to translate** planning into high performance execution in a complex project with multiple partners and targets
- **Device experience** in cross functional project teams and possibly within the field of Silicon Foundry Partnership
- **International awareness and experience** in worldwide acting teams demonstrated by your **intercultural communication skills**
- Excellent **German** and **English** communication 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.

We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future. Efficient use of energy, environmentally-friendly mobility and security in a connected world – we solve some of the most critical challenges that our society faces while taking a conscientious approach to the use of natural resources.

** 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.*

