



Staff Engineer Technology Development (f/m/div)*

Job description

If you are interested in shaping the future of the market leader in power semiconductors – listen up! We are looking for a technology development engineer who will be driving innovations from concept phase till volume production. You will collaborate with interdisciplinary teams and will be able to foster your project management skills. Seize the chance to become part of our success story and shape the next generation of low voltage power MOSFET technologies!

In your new job you will:

- **Develop new power device concepts** and improve our product performance while meeting cost and quality targets
- **Work together with TCAD and application experts** to define the technology targets, features and integration concept
- **Collaborate with unit process experts** to define unit process requirements along the technology roadmap
- **Support the ramp up and yield learning phase of new technology platforms** together with process integration and unit process engineers
- **Exchange regularly with quality and reliability experts** to qualify and release new technologies for production
- **Support and lead technology development projects** including cost and resource planning, risk management and reporting

Profile

As an open-minded team player, you are able to communicate efficiently while proposing innovative and unconventional solutions, establish successful cooperation over different sites. With your pro-active and self-organized working style, you ensure that deliverables are complete in high quality and remain aware of the big picture in complex situations. Considering your project management tasks you act organized and result-oriented, even when under pressure. Your analytical skills and presentation style facilitate fast decision-making.

You are best equipped for this task if you have:

- A **university degree (Master, PhD) in Electrical Engineering, Physics or Material Sciences**, ideally with focus on semiconductor device technology
- **3+ years of working experience in technology development or process integration** (WBG, CMOS), ideally for power applications

At a glance

Location: **Villach (Austria)**
Job ID: **347558**
Start date: **Sep 01, 2022**
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: **347558**
www.infineon.com/jobs

Contact

Manuel Krebs
Talent Attraction Manager



- **Profound knowledge and experience of semiconductor manufacturing**, especially front end-of-line process modules, device physics, failure analysis and reliability
- **Proficiency with statistical analysis** and design of experiments
- **Project management experience/certification** as a plus
- Further **expertise supporting innovation or methodology** highly appreciated
- **Fluent English skills**, German skills or the willingness to learn as additional plus

We offer competitive salaries and additional benefits based on your performance, experience and qualification. The employment is in accordance with the collective salary and wage agreement for employees of the electrical and electronics industry, employment group G (<https://www.feei.at/wp-content/uploads/2022/05/minimum-salaries-white-collar-workers-2022.pdf>). The monthly salary is paid 14 times p.a. We offer a higher compensation depending on your expertise and skills. We also offer the option of home office in accordance with the job responsibilities.

Benefits

- **Villach:** 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; Child care in Villach & Klagenfurt; On-site social counselling and works doctor; Health promotion programs; On-site canteen; Private insurance offers; Wage payment in case of sick leave; Corporate pension benefits; Flexible transition into retirement; Performance bonus; 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.

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

Infineon **PSS** semiconductors play a vital role in enabling intelligent power management, smart sensitivity as well as fast and reliable data processing in an increasingly digitalized world. Our leading-edge power devices make chargers, adapters, power tools and lighting systems smarter, smaller, lighter and more energy-efficient. Our trusted sensors increase the context sensitivity of “things” and systems such as HMI, and our RF chips power fast and reliable data communication. [Click here](#) for more information about working at PSS with interesting employee and management insights and an overview with more #PSSDreamJobs.

At **Infineon in Villach** you shape the technologies of tomorrow and work in an international environment with more than 3900 colleagues from over 70 nations. Your personal contribution will be valued and appreciated as the cornerstones of our success. And all that in beautiful surroundings which guarantee a high quality of life.

The **City of Villach** is located in the center of Carinthia, Austria's southernmost province, in close proximity to the Italian and Slovenian border. Due to its particular geographic location and the outstanding natural beauty of the region, Villach and the whole province of Carinthia have for generations been popular holiday destinations for people from all over the world. Living in Austria also has many social, health-care-related and economic perks. The country's social and health care system is among the best in the world and for decades numerous international surveys have singled out Austria as a



particularly safe and wealthy country with a high quality of life. Villach benefits from its status as a “small town”, offering everyday living at affordable prices in an outstanding setting.

Find out what you like most about Villach and join us:

<https://www.welcome2villach.at/>

** 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.*

