



## Technology Development Engineer (f/m/div)\*

### Job description

You think ahead and like to develop and implement effective solutions? You live up to high quality standards and strive for continuous improvement? Then come on board and join us at the pulse of technology: as Technology Development Engineer, you will be responsible for developing new innovative MOSFET technologies based on existing platforms in the voltage range of 20-200V, supporting the ramp up and defining unit process requirements along the Technology roadmap. The focus will be on broadening the Infineon product portfolio to support the growth of the Power MOSFET business.

In your new job you will:

- **Develop technology derivatives based on existing platform technologies** in close collaboration with marketing, product development, TCAD and application engineers
- **Define unit process requirements** along the technology roadmap, together with unit process development engineers
- **Support and manage projects** including reporting, risk management and project planning according to development handbook
- **Support the ramp up and yield learning phase of new package and technology platform combinations as well as for future derivative portfolio extension** with the process integration group
- **Closely collaborate with PMM production management, unit process and process integration** engineers of FAB Villach
- **Plan, coordinate and evaluate process experiments** including statistical DoEs (design of experiment) and ensure process window
- **Implement improvement regarding cost, yield and stability** with change management processes and/or technology projects

### Profile

You enjoy developing your knowledge and skills and motivate yourself and others to achieve top performance. You demonstrate strong communication skills and know how to establish lasting relationships and networks. With your structured working style, you are able to demonstrate high quality standards for yourself and other people.

You are best equipped for this task if you have:

- A **University degree in Electrical Engineering, Material Sciences, Physics** or comparable work experience
- **Experience** in project management, technology development or process integration as a strong plus

### At a glance

Location: **Villach (Austria)**  
Job ID: **361705**  
Start date: **Sep 01, 2022**  
Entry level: **1-3 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: **361705**  
[www.infineon.com/jobs](https://www.infineon.com/jobs)

### Contact

**Manuel Krebs**  
Talent Attraction Manager



- Sound knowledge in **semiconductor process technology and semiconductor physics**
- Knowledge of **MOSFET technologies** and product portfolio of Infineon is an advantage
- Excellent **English** communication skills and ideally **basic German** skills and/or willingness to learn it

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.

## 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.**

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 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 3700 colleagues from over 65 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. Living in Austria 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 itself 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.*

