



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

### Job description

To strengthen our development team for SiC power devices, we are looking for a Technology Development Engineer. Your focus will be the development of new innovative SiC power MOSFET technology generations for eMobility, in particular for electric drive train applications. The market for eMobility will continue to grow significantly in the coming years. Infineon is already the market leader in this segment and will further expand its market position as an innovation driver. If you want to be part of our success story – apply now!

In your new job you will:

- **Plan, design, perform and evaluate process experiments** (including DoE´s)
- Be responsible for the **definition of unit process requirements**
- **Coordinate frontend processing** of development lots
- **Be responsible for the process flow definition** (process of records) and implementation of new technology concepts in production
- **Develop new process control structures** and **test structures** for electrical characterization
- Be responsible for the **analysis of electrical test data**
- **Coordinate physical analyses**
- **Create intellectual property**
- Be responsible for **project management subtasks**

### Profile

You pursue ambitious goals and generate value with your ideas and solutions. You communicate openly, clearly, and coherently and are able to quickly establish a successful cooperation.

You are best equipped for this task if you have:

- **A university degree (Master or above) in Physics, Electrical Engineering, Material Science** or comparable
- **First working experience** in semiconductor technology development as a plus
- **Knowledge of wide bandgap semiconductors** as a plus
- **Project management experience** as a plus
- **Fluent English skills**; German skills as a plus

We offer competitive salaries and additional benefits based on your performance, experience and qualification. The employment is in accordance with the collective

### At a glance

Location: **Villach (Austria)**  
Job ID: **349053**  
Start date: **as soon as possible**  
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: **349053**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)

### Contact

**Melanie Happerger, MSc**  
Talent Attraction Manager



salary and wage agreement for employees of the electrical and electronics industry, employment group G (<https://www.feei.at/wp-content/uploads/2021/04/minimum-salaries-white-collar-workers-2021.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.

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.

**Industrial Power Control (IPC)** empowers a world of unlimited energy - Power semiconductors play a crucial role in increasing efficiency and reducing energy losses along the whole energy conversion chain. As the global leader in power semiconductors, Infineon IPC delivers leading products and solutions for smart and efficient energy generation, transmission and consumption. We strive to make this planet a greener place where sufficient energy is accessible to everyone – wherever and whenever they need it.

[Click here](#) for more information about working at IPC with interesting employee and management insights and an overview with more #IPCDreamJobs.

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.*

