



## Staff Engineer Product Development (f/m/div)\*

### Job description

Do you want to get to know the development of high-voltage MOSFETs (Si, SiC) and/or HEMTs (GaN) and even drive it yourself? Can you further on imagine to extend your activities to multicomponent products consisting e.g. of a switch and a driver IC? As a new team member, you will contribute in our product development projects across different sites. At the same time, you will be responsible for technical work packages, like designing and verifying your own products. This role will bring you in contact with diverse colleagues from all over the world and will give you the chance to share and discuss your ideas with different people.

In your new role you will:

- **Apply semiconductor physics knowledge to solve product issues** and explore improvements for future product or technology releases
- **Actively contribute to the product innovation process** with concepts, demonstrators and technical evaluation
- **Collaborate as a technical team member** in new wafer technology, package and product projects
- **Actively contribute to Product Design & Process DOEs** to ensure manufacturability and attractive product performance
- **Collaborate with product marketing and application engineering** to shape products for business success
- **Define the electrical characterization of the developed components**, evaluate the results and discuss within an expert community
- **Support the qualification, failure analysis and troubleshooting activities** through interpretation of electrical and physical analysis (e.g. SEM, X-ray, EMMI) during reliability tests
- **Support the product evaluation activities** in transfer projects between production sites
- Be an active part of our technical community by **contributing with your know-how to the knowledge pool** but also benefiting from the network of experts for your own learning and growth

### Profile

Do you like team work? Do you want to further develop your knowledge about product development at Infineon and be part of it? That is great! Then, if you are additionally able to organize the work systematically and identify and manage risks timely, you fit very well into our team

You are best equipped for this task if you have:

### At a glance

Location:

Job ID: **346298**

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: **346298**

[www.infineon.com/jobs](http://www.infineon.com/jobs)

### Contact

**Melanie Happerger, MSc**

Talent Attraction Manager



- **A university degree in electronics, microelectronics, physics** or similar
- **First years of experience in the field of semiconductors** (work experience or related Ph.D.) – it is important to have solid knowledge about semiconductor devices and power switches (device physics of silicon, SiC and GaN devices)#
- **First experience with power devices specifications and datasheets** (including good knowledge about statistics)
- **Being familiar with the processes and structures of R&D projects**
- **Proven capability of technical problem solving**
- **Lab experience**, ideally related to the characterization of semiconductor devices, is a plus
- **Excellent communication skills in English**, German is a 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/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.

## 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.*

