



## Product Definition Engineer for Wide Bandgap (GaN) High Voltage Semiconductors (f/m/div)\*

### Job description

You love technology and working on new products with customers? You are able to learn quickly and develop yourself as an application expert? You find joy in pulling on one string with a team of like-minded people ranging from Development to Marketing and Sales? Then this is exactly the right job for you: as Product Definition Engineer for High Voltage GaN Semiconductors in switched mode power supplies, you will work with key customers and be involved in requirement definitions as well as the concept and development phase of new products. Join our Power & Sensor Systems (PSS) Division and apply now for your #PSSDreamJob!

In your new job you will:

- **Convert scientific knowledge** into **hardware solution**
- **Participate development phases** from the first idea until the release of the solution
- **Define target specifications** for power switch products in switched mode power supplies including definition of critical product details and preparation of application tests
- **Support feasibility study** and **review concept / product architecture**
- Be responsible for **customer design-in support** and define and **create test boards and lab benches**
- **Conduct application specific lab testing** including **documentation of results**
- **Work with development, marketing and key-customers** in the design in phase, provide on-site technical support for selected key customers and our sales force
- **Drive future application specific product improvements and suggestions for new products** in collaboration with product marketing / product development
- **Provide and review technical content** for **product roadmap** and generate **promotion material** based on value proposition
- **Provide training** and handover to Application Engineering

### Profile

You drive your tasks with engagement, passion and pro-activeness. You are personally committed to the customer's concerns, awarding them a high priority and are capable to resolve technical issues until completion. Your strong communication skills and team player mindset support you in your work within interdisciplinary and multicultural teams.

You are best equipped for this task if you have:

### At a glance

Location: **Villach (Austria)**  
Job ID: **346895**  
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: **346895**  
[www.infineon.com/jobs](https://www.infineon.com/jobs)

### Contact

**Melanie Happerger, MSc**  
Talent Attraction Manager



- **A university / university of applied sciences degree in Electrical Engineering, Power Electronics** or equivalent
- **5+ years of experience** in the design, development and/or test of power supplies and WBG products
- **Experience with simulation, programming, Micro Controller, layout software, AutoCAD, PCB and software design**
- **Experience in technical customer support** and **intercultural communication**
- **The ability to learn quickly** and are **very motivated to work independently**
- **Excellent English skills** with German skills as a plus
- **Openness to travel** (mainly US and Asia) ~1x/quarter

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 H (<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.

**– 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. 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.*

