



## Senior Staff Engineer System Application Engineering (f/m/div)\*

### Job description

You love technology, a dynamic environment and want to be part of state-of-the-art developments? You like to cooperate across boundaries and are eager to contribute with your hardware, software and simulation skills? This is your chance: as System Application Engineer, you will analyze and evaluate system level solutions, engage in technical marketing activities with different internal departments and actively pursue new ideas and innovations. Sounds like the right challenge? Take the chance and apply now!

In your new role you will:

- **Participate in the development phases of AC/DC and DC/DC converters** from the first idea until the release of the solution
- **What? Development of ACDC and DCDC converter solutions**
  - **Perform product-to-system (P2S) validation of Infineon digital & analog controllers, drivers, power switches, sensors and power stages** in medium and high-power AC/DC and DC/DC converters
  - **Manage the creation of customer reference designs**, customer demo boards and test reports
- **How? Software programming + Hardware implementation**
  - **Understand and actively participate in embedded firmware development** for embedded microcontrollers
  - **Define the firmware requirements of innovation features** using digital controller and validate the features in system

### Profile

You are best equipped for this task if you have:

- **A university / university of applied sciences degree in electrical engineering, power electronics, computer science, industrial engineering** or similar
- **+5 years of industry experience** in power electronics with hands-on experience in high-frequency, high-power, high-density AC/DC and DC/DC designs including lab skills for the test and debug of switch mode power supplies
- **Working knowledge in embedded firmware programming in C**, microcontroller design environments, functions and peripherals (ARM preferred)

### At a glance

Location: **Villach (Austria)**  
Job ID: **347766**  
Start date: **as soon as possible**  
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: **347766**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)

### Contact

**Melanie Happerger, MSc**  
Talent Attraction Manager



- **Experience with Simulation, Programming, Micro Controller**, PCB and software design
- **Experience with system simulations using tools** such as Simetrix, SPICE and PLECS among others
- **Expertise in PCB layout design** and prior experience with Altium is a plus
- **A self-learning, self-disciplined mindset**
- The ability to be **creative, detail oriented** and **to work in a team**
- **Good communication skills** in verbal and written **English**

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.*

