



Lead Principal System Architect and System Application Engineer eAviation and emerging applications (f/m/div)*

Job description

You want to be part of a creative and innovative team and shape the future of eAviation? You are an expert in eAviation or aeronautics? You understand the market demands of this sector – not only today, but also in the future? As a Lead Principal System Architect and System Application Engineer you will take over responsibility for defining future projects and roadmaps focusing on eAviation and further emerging applications with focus on the power electronic systems. You will work together with an international team of driven junior engineers and senior experts. You will be part of a dynamic atmosphere in this innovative application environment, work cross-functional and build relationships with internal and external business partners. With this position you are entering our „technical ladder”: our career path for experts. You will be able to focus deeply on technology and share innovative ideas – while further pursuing your career. As you continually expand your technical knowledge, you will position yourself as a thought leader. You possess problem solving abilities and will be able to create business value – thus helping our products improve our world a bit more each day.

In your new role you will:

- **Analyze the application requirements** derived from the system architectures and contribute technical expertise to develop the application roadmap "eAviation" and further emerging applications with focus on the power electronics systems
- **Identify, evaluate and drive innovation ideas for system architecture solutions** based on deep application and product understanding as well as technical trend scouting
- **Collect and evaluate customer requirements** and derive feasible solutions on system level
- **Identify Infineon's best product offering for the application eAviation** and further emerging applications
- **Provide expert application level support to prepare design-ins** and understand worldwide trends in standardization and assess technical impacts
- **Support the global Application Marketing teams** with interactions with customers in evaluating whether the proposed Infineon solution offering meets customer's application requirements
- **Leverage cross-functional knowledge to gain new customers** and collaborate with global functions (Application Marketing, Product Marketing, Product Definition Engineering) and R&D within and outside the IPC Division
- **Contribute significantly to functional area business value**, Design-Win and revenue development

At a glance

Location: **Villach (Austria)**
Job ID: **347888**
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: **347888**
www.infineon.com/jobs

Contact

Melanie Happerger, MSc
Talent Attraction Manager



- **Define and support system reference designs** and promote them
- **Develop and support the Sales and R&D organizations** with application-level training sessions
- **Represent Infineon** (in terms of application understanding) at technical conferences, trade fairs, standards bodies and industry associations

Profile

You have a passion for aviation and want to shape the future of emerging applications? You have a clear notion of how innovation contributes to the commercial success of the company. You inspire others for your ideas and even complex issues you can explain in a clear and convincing manner. You listen actively to the customer, consider his point of view and learn from successes and mistakes. Your communication skills allied with a strong customer orientation makes you the right person for these tasks. Furthermore, you balance the customers' requirements and the interests of Infineon by sharing information comprehensively and effectively.

You are best equipped for this task if you have:

- **A university degree in electrical engineering, electro-mechanics, mechatronics, aeronautics** or a related field of study
- **8+ years of relevant experience in aviation** – ideally several years in the area of power electronics
- **Profound expertise and system understanding in the electrical system architectures** in planes, multicopters, drones or similar
- **Knowhow of applicable standards**
- **Ability to establish relationships to customers** as well as to functional areas to influence and drive decisions within Infineon and the application community
- **Willingness to travel worldwide** to support customers and conferences as application representative for Infineon
- **Excellent English communication skills** – including the ability to negotiate, present and report in a convincing manner

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 J (<https://www.feei.at/wp-content/uploads/2021/04/minimum-wages-blue-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 colleagues from more than 60 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.*

