



Senior Engineer – PCB Design Methodology Expert (f/m/div)*

Job description

Are you looking for a new challenge? Are you used to work proactively and interdisciplinary? Are you ready to bring your know-how into an innovative, future-oriented company? Then Infineon is the place to be for you!

In your new role you will:

- **Support the PCB design** community in the **usage of the PCB design flow**
- **Contribute to the development of standard practices, guidelines and utilities** to **reduce design cycle time** and improve PCB design efficiencies
- **Provide ongoing library support** engaging with external and internal library groups
- **Work together with hardware engineers, PCB designers and fabricators for development and sustaining of actual products**
- **Keep-up with and know industry standards** and technologies

In this job within the PCB engineering methodology and services team you will be responsible for the first level support for software tools providing technical advices to the PCB designers. Feedback suggestions to the technical leaders being the key interface to projects at Infineon. You will help the colleagues to find the best solution as well as exploring new processes and methodology with focus on improving the efficiency of the PCB design flow: this includes the design software, the component library, the standard templates and several reports. You will also actively participate in the development of new products, working closely with electrical engineering and systems development teams.

Profile

You are best equipped for this task if you have:

- A **university / university of applied sciences degree** in **Electrical Engineering, Electronics** or comparable
- **Expertise to define, establish and maintain corporate E-CAD solutions for PCB design**
- **Familiarity with PCB components library management** and **board revision** is an added value
- **Experience with state of the art PCB design tools and methodology** (Altium Designer and Cadence Allegro PCB Editor)
- **Knowledge in EDA** (electronic design automation) **tool environment** and setup

At a glance

Location: **Villach (Austria)**
Job ID: **62163**
Start date: **Sep 01, 2022**
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: **62163**
www.infineon.com/jobs

Contact

Carmen Wernle
Talent Attraction Manager



- **Allegro SKILL** and **Python scripting** would be an added advantage
- **Proficiency with high-speed board designs and layouts**
- **Experience with high density ball-grid array's** (BGA), blind and buried via's
- **Familiarity with all phases of hardware development** including: schematic entry, manually generated constraints, requirements of the constraints and board layout
- **Excellent communications skills in English** with German skills as a plus

You are flexible and actively participating in decision making processes. Furthermore, you communicate coherently and clearly and are able to build trusting, long lasting relationships.

We are filling this position through one of our leasing partners. A valid work permit for Austria or EU citizenship is a prerequisite for this position. This position is subject to the collective agreement for workers and employees in the electrical and electronics industry, employment group G (<https://www.feei.at/wp-content/uploads/2022/05/minimum-salaries-white-collar-workers-2022.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.

The central R&D organization „**Design Enabling and Services**“(DES) provides the design environment to the different Infineon product development teams. With state-of-the-art design methods, building blocks and a wide range of product development services DES supports Infineon's advanced IC development from early high level system models to verified products ready for manufacturing.

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. Its unique landscape combines mountains and valleys, lakes and rivers, city and countryside. In addition to the favorable geographic location, 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. So it's no surprise that the city on the Drau is considered the “home of work-life balance”.

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.*

