



## Senior Staff Design Architect Industrial ICs (f/m/div)\*

### Job description

Are you looking for a stimulating role within IC design architecture? Leave your fingerprint on tomorrow's industrial products by joining our team in Pavia! Here, you will find a highly motivated team of experts who make Infineon the global leader in power semiconductors.

As a Design Architect, you will contribute to the IC development team's success with your architecture expertise. Furthermore, you will act as a main interface with Technical Marketing in order to define the next products in the Industrial Application market.

In your new role you will:

- Proactively **review Product Requirement and transform** high-level application, stakeholder and customer requirements **into the right fit product architecture**;
- **Deliver high-level system and product models** to enable use cases analysis and support product verification;
- **Cooperate** with Product Marketing, Technical Marketing and Application Engineering **in shaping the products roadmap**;
- **Lead and perform new product feasibility studies** strengthening the bridge between Marketing and Product Development and identifying IP requirements needed to support the long-term roadmap;
- **Support process improvements and optimization** through a close cross-functional collaboration with R&D teams;
- **Contribute to the innovation process** by generating ideas, patents and propose, collaborate or lead innovation projects;
- **Develop and share knowledge** by networking with other experts at Infineon, mentoring and coaching colleagues and students.

Please note this role can be filled in Pavia or Villach.

### Profile

You are a highly innovative, creative and open-minded person who is able to work on new ambitious ideas. Furthermore, you have a great team spirit and willingness to cooperate closely with international and cross-functional integrated project teams. With your proactive, analytical and autonomous working style you are able to solve problems fast and with high quality.

You are best equipped for this role if you have:

### At a glance

Location: **Pavia (Italy), Villach (Austria)**  
Job ID: **346168**  
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: **346168**  
[www.infineon.com/jobs](https://www.infineon.com/jobs)

### Contact

**Margarida Carneiro**  
Talent Attraction Manager



- A university **degree in Electronic Engineering, Microelectronics** or similar field of studies;
- **5+ years of experience in IC Product Development** with good understanding of the development flow **or Application Engineering** with solid knowledge at system level;
- **Deep understanding of HV CMOS and/or BCD technologies**, related capabilities and limitations with ability to perform conceptual design and feasibility analysis;
- **Knowledge of Gate Drivers** requirements and challenges in power applications (inverters, power supplies, motor drives, etc.) is an advantage;
- Basic **knowledge in ESD and EMI** requirements is a plus;
- **Fluency in English.**

Please note that we can consider more senior profiles for this role.

## Benefits

- **Pavia:** 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 Time; Part-time work possible; Medical coverage; On-site canteen; Wage payment in case of sick leave; Supplementary pension fund (on individual request); Performance bonus; Accessibility, access for wheelchairs
- **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.**

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

**– 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.

*\* 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.*

