



## Principal Engineer for Power Converter Control (f/m /div)\*

### Job description

You are looking for a new challenge? Are you ready to bring your know-how into an innovative, future-oriented company? Do you enjoy working in an international environment and like to interact with different stakeholders internally and externally? Then Infineon Technologies Austria is the place to be for you! Seize the chance to become part of our success story as Principal Engineer for Power Converter Control.

In your new job you will:

- **Drive concept architecture of control design** for power electronics applications to demonstrate system benefits of Infineon components and to ease design-in at our customers
- **Define and break down the control** for different power electronics applications into reusable functional blocks and the interface between functional blocks
- **Define the verification strategy** to ensure the reliability and robustness of every functional blocks
- **Collaborate with an international expert network** to find optimal technical solutions in utilizing a broad spectrum of Infineon microcontrollers, development environments, power devices and sensors
- **Act as interface to Marketing and application experts** from different divisions and product lines to translate application into control concepts
- **Work with the project teams in System Engineering and Software Development**, where reference board projects are implemented

### Profile

You inspire others for your ideas and explain even complex issues in a clear and convincing way. Your Communication skills in English language are excellent and you are able to quickly establish successful and lasting relationships. You are personally committed to your customer's and colleague's needs, awards them high priority and anticipate even future needs and engage actively about these needs.

You are best equipped for this task if you have:

- **A degree in Electrical Engineering**, or a related technical field
- **At least 6 years of relevant working experience** in power electronic control, board design or similar field
- **Deep Microcontroller knowledge** and application knowhow in automotive, industrial power or home appliance applications
- **Hands-on experience in power converter control design and development**

### At a glance

Location: **Munich (Germany)**  
Job ID: **362094**  
Start date: **Sep 01, 2022**  
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: **362094**  
[www.infineon.com/jobs](https://www.infineon.com/jobs)

### Contact

**Katrin Weiß**  
Talent Attraction Manager



- **A sound understanding of physical implementation flows** and capabilities
- **A track record of developing new architectures** and successfully driving concept / design / implementation teams during fulfillment
- **Working experience in international and cross-functional technical teams** within a multi-cultural environment

## Benefits

- **Munich:** 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; On-site creche and kindergarden with 120 spots, open until 6pm; Holiday child care; On-site social counselling and works doctor; Health promotion programs; On-site gym, jogging paths, beachvolleyball, tennis & soccer court; On-site canteen; Private insurance offers; Wage payment in case of sick leave; Corporate pension benefits; Flexible transition into retirement ; Performance bonus; Reduced price for public transport and very own S-Bahn station; 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 green 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 pioneering products, solutions and services for smart and efficient energy generation, transmission, storage, and use. We strive to make this planet a greener place where sufficient energy is accessible to everyone – wherever and whenever it is needed.

[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.*

