



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 are best equipped for this task if you have:

- **A degree in Electrical Engineering**, or a related technical field
- **At least 8 years of relevant working experience** in power electronic control, board design or similar fields
- **Deep Microcontroller knowledge** and application knowhow in automotive, industrial power or home appliance applications
- **Hands-on experience in power converter control design and development**
- **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

At a glance

Location: **Villach (Austria)**
Job ID: **360061**
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: **360061**
www.infineon.com/jobs

Contact

Melanie Happerger, MSc
Talent Attraction Manager



- **Working experience in international and cross-functional technical teams** within a multi-cultural environment

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 I (<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.

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 more than 3700 colleagues from over 65 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.*

