

Driving decarbonization and digitalization. Together.



Lead Principal Engineer Power Concepts (f/m/div)

Job description

Looking for a new challenge? Well, our automotive microcontrollers are just that! You will have a direct impact building the next-generation AURIX microcontroller. This job offers the opportunity to bring in your technical know-how and personal skills in a growing, fast paced and motivated team. Don't miss this opportunity and apply now!

In your new role you will:

- **Define the architecture of the next generation Power Management System (PMS)**, including power supply, DCDC, reset generation, power monitoring, the power infrastructure and design for testing
- **Transfer product relevant application requirements to Hardware Requirements and Hardware Architecture with focus on global optimum** for customer and PMS system
- **Actively participate in IP roadmap strategy development** for optimized (time to market, area, cost, family concept, scalable approach) SoC implementation of all PMS components
- **Drive** together with the platform lead architects **a strategy which enables a family concept by modular & scalable approach**
- **Be the interface to our Platform architect team** and drive active knowledge transfer to the product design team
- **Foster good relationship to technical marketing** as well as to the customer and incorporate needed requirements into your work
- **Own and create technical documentation** in order to provide the requested Hardware Architectural descriptions and documents to guarantee the ISO26262 compliance – Impart implementation know-how to others

Profile

As a Lead Principal Engineer Power Concepts you balance the customers requirements and the interests of Infineon. Furthermore, you know the factors for successful innovation and foster the necessary conditions. Lastly, you contribute your expertise and skills and make sure that professionally correct decisions are taken.

You are best equipped for this job if you have:

- **A university degree in Electrical Engineering** or comparable
- **At least 8 years of relevant work and project experience in Power Management Systems** and analog/mix-signal circuitries
- **Good knowledge in power management technologies**

At a glance

Location:

Job ID: **HRC0902873**

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. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0902873**
www.infineon.com/jobs



Contact

Mag. Stefanie Triebelnig

Recruiter



- **Expertise in ESD/latch-up, EMC/EMI, packaging/assembly** (Wire Bond, Flip Chip, thermal management), **Power & Signal Integrity** (e.g. XTALK as well as Power Distribution Network dynamic and static Voltage drop analysis)
- Strong knowledge of **system level concept and architecture**
- Joy working with **international, multi-cultural teams**
- **Excellent English skills** with German skills as a plus

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/2023/05/minimum-salaries-white-collar-workers-2024.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
- **Munich:**

Why Us

#WeAreIn for driving decarbonization and digitalization.

As a global leader in semiconductor solutions in power systems and IoT, Infineon enables game-changing solutions for green and efficient energy, clean and safe mobility, as well as smart and secure IoT. Together, we drive innovation and customer success, while caring for our people and empowering them to reach ambitious goals. Be a part of making life easier, safer and greener.

Are you in?

– **Automotive (ATV) shapes the future of mobility with microelectronics enabling clean, safe, and smart cars –**

The ATV division is shaping the future of mobility by enabling clean, safe, and smart cars. Its product and solution offering is powering the decarbonization and digitalization of vehicles. By driving the transition to hybrid and purely electric vehicles, ATV is making a valuable contribution to cleaner roads. ATV is also increasingly digitalizing cockpit, infotainment, comfort, and lighting applications as it takes automated driving to the next stage with higher levels of connectivity, security, and safety.

The ATV portfolio integrates sensors, microcontrollers, high-performance memories for specific applications, power semiconductors based on silicon and silicon carbide, as well as components for human-machine interaction and vehicle connectivity. Infineon is the world leader in automotive semiconductors.

[Click here](#) for more information about working at ATV with interesting employee and management insights and an overview with more #ATVDreamJobs.

Automotive Microcontroller: We make green mobility smart

As a leading automotive microcontroller vendor, the Infineon business line Automotive Microcontroller (ATV MC) offers the industry's most comprehensive microcontroller and software portfolio. The three major product families, AURIX, TRAVEO and PSoC, provide the newest innovation in performance, connectivity, power consumption, safety and security.



We enable the latest advancements in the dynamic automotive market, such as vehicle electrification, automated driving and driver information & interaction. Being at the core of transformation, we pave the way for new technologies, such as artificial intelligence and dependable computing, as well as higher levels of connectivity, security and user experience. So, join us to create a better future together.

[#AutomotiveMicrocontroller](#)

At **Infineon in Villach** you shape the technologies of tomorrow and work in an international environment with more than 4700 colleagues from over 70 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/>

We are on a journey to create the best Infineon for everyone.

This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant's experience and skills.

We look forward to receiving your resume, even if you do not entirely meet all the requirements of the job posting.

Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.

[Click here](#) for more information about Diversity & Inclusion at Infineon.

