



Senior Staff Concept Engineer Chip Technology Development for E-mobility (f/m/div)*

Job description

Do you see yourself as a developer? Are you capable of working self-driven, initiating new activities which involve profound know-how of application requirements and technology capabilities? Are you passionate to bring the next generation of high-performance power devices to the market? Then the position as Senior Staff Concept Engineer for automotive Power Device Technologies is the right opportunity for you!

As Senior Staff Concept Engineer you will work within a technology development team for Automotive high voltage power devices in Villach. You will be responsible for the development, the electrical dimensions and the definition of specifications for power devices.

In your new role you will:

- **Develop SiC-Mosfet, IGBT and diode power device technologies** for automotive E-mobility applications
- Be responsible for the **electrical dimensioning of the power devices** in wafer technology development projects
- **Define the specifications** for the power devices according to marketing requirements
- **Design systematic experiments** including sample builds and evaluation plans
- **Analyze functional test and characterization results** for the identification of additional improvement potential
- Build up a comprehensive **understanding for application requirements** as well as competitors' technologies

With this position you will be in our „**Technical Ladder**”: our **career path for experts**. You will be able to focus deeply on technology – while further pursuing your career. As you continually expand your expert knowledge, puzzle over matters and solve problems, you will position yourself as a thought leader – thus helping our products improve our world a bit more each day.

Profile

You challenge the status quo and generate value with your ideas and solutions. Furthermore, you live up high quality standards, strive for continuous improvement and think in a cooperative way.

You are best equipped for this task if you have:

At a glance

Location: **Villach (Austria)**
Job ID: **359979**
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: **359979**
www.infineon.com/jobs

Contact

Martin Gabernig
Talent Attraction Manager



- A degree in **Physics, Electrical Engineering** or a related technical field, PhD is a plus
- At least **5 years of professional experience** in the area of **wafer technology development or production** - ideally in the electrical chip development or concept engineering
- A profound understanding of the **interdependency of technology and product characteristics**
- Solid theoretical and practical knowledge in the field of **electrical chip development / power electronics** (Si and SiC technologies, MOSFETs, IGBTs and /or power diodes)
- Excellent **English** skills, German 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 H (<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.

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.

– Automotive (ATV) shapes the future of mobility with micro-electronics enabling clean, safe and smart cars –

Our semiconductors are essential for supporting the automotive megatrends: electromobility, automated driving, connectivity, and advanced security. They link the real and the digital world, driving the ever-advancing pace of automotive digitalization. Infineon ATV is the number one semiconductor partner in the fast-changing automotive world, based on our system knowledge and our passion for innovation and quality.

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

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.*

