



Engineer Product Application Engineering SiC Chips (f/m/div)*

Job description

Electrification of cars is a major contribution to hamper global warming. We develop and manufacture the essential high voltage power electronic products to drive cars and “fuel” other high-voltage systems in electric cars. Be part of our rapidly growing business with high voltage chips and discrete power products for automotive applications. Our leading-edge products are used by our worldwide customers to build inverters as well as construct power modules, on-board-chargers, DCDC converters and heaters, to make the change to eMobility happen quickly. You want to technically promote and design-in our products with our customers and help them to solve their problems during their power module design and inverter system development? Then join our highly motivated global team as Engineer Product Application Engineering SiC Chips and become part of our automotive success story.

In your new role you will:

- Support the **technical interface function in the "Design-In to Design-Win" process** for our chips made of our leading edge CoolSiC technology for one or more customers (worldwide)
- Assist in solving **customer problems in their power module and inverter applications**
- Support the collection of **customer feedback on product performance and limitations**, consolidate **suggestions for improvement** and support in bringing them into the organization in an active and structured way
- Participate in establishing and maintaining **relationships with other internal interface functions**
- Support in the development of **tasks in the field of "Design-In Material" for the market launch of products** (e.g. application notes, technical presentations and demo boards)
- Assist in the creation of **application and evaluation tools** (hardware and software) as well as in the coordination of **activities for 3rd party tools and services**

This job is suitable for full- and part-time.

Profile

You put internal and external customers at the heart of your thoughts and actions while constantly challenging the status quo and courageously exploring new paths. Additionally, you think and act in a cooperative way, cooperate across boundaries and

At a glance

Location: **Munich (Germany)**
Job ID: **357344**
Start date: **Sep 01, 2022**
Entry level: **0-1 year**
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: **357344**
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Contact

Alina Seifried
Team Lead Talent Attraction



appreciate the contributions of others. Furthermore, you strive for continuous improvement besides developing and implementing effective solutions.

You are best equipped for this task if you have:

- A **degree in Electrical Engineering, Physics** or a related field with **focus on power semiconductor technology and systems**
- Already gained **some professional experience in power electronics in the semiconductor industry, at a research institute or as a hardware designer for power systems** (e.g. in Application Engineering, System Engineering, Technical Marketing)
- Good **software skills** like Word and Office
- Some experience with **Matlab/Simulink, Plecs, Spice/Simmetrix, Altium** would be a plus
- First experience in **HV lab testing, simulation of power electronics** would be a plus
- **Very good communication and presentation skills in English**; skills in German would be a plus

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.

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

Semiconductors are essential to realize key trends like eMobility, automated driving and secure, connected cars. Infineon ATV is the #1 semiconductor partner in the fast-changing automotive world, based on our system knowledge coupled with our passion for innovation and quality. We are a key driver in the ever-advancing pace of digitalization in the automotive industry.

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

Automotive High Power: We Drive the Electrification of Cars

Our vision of the future is CO₂-neutral and autonomous mobility, and that means electric cars. Infineon's role: our switches control the current from the battery to the consumers, whether a traction motor, a power steering system or an in-car USB charger. In fact, our products have a direct impact on the range, size, reliability and affordability of tomorrow's vehicles. Engineers at the Business Line Automotive High Power, which is part of the ATV division, draw on their deep customer understanding and system knowledge to create a winning portfolio. This approach has made the Business Line the market leader. Our people have the ambition to shape the future with innovation. We are a highly diverse and ambitious team striving to power society's



move toward fully electric, CO₂-neutral, autonomous mobility.

#PowerForElectromobility

** 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.*

