



## Principal Field Application Engineer High Voltage Power Automotive EMEA (f/m/div)\*

### Job description

You will be part of a worldwide team - take hold of this opportunity to join the Market Leader in creatively working on providing solutions for tomorrow's world and making a lasting difference in the power semiconductor industry. With this position you will be entering 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.

In your new role you will:

- **Design In / Win of power modules** using IGBT or SiC Mosfets **targeting High Voltage (400800V) power electronics in automotive excluding traction** (e.g. OBC, DC/DC converters, e-compressors, heaters and blowers)
- Definition of **new power modules or derivatives of existing power modules** (e.g. Easy™ product family) in close cooperation with our **innovative customers in EMEA and our internal technical marketing and applications teams**
- **Consult our customers** as well as our **automotive FAE's** in the field of HV power electronics
- Derive customer requirements and market trends to **develop system value propositions** together with internal interfaces (Marketing, Application, System Engineering)
- Actively **manage projects together with the Sales and FAE departments** to achieve Design-Win Targets
- Establish and maintain **excellent relationship with technical personal** at customers utilizing modern communication tools like smart collaborative whiteboards and smart glasses.
- **Perform measurements** in the laboratory in Langen within the scope of actual customer projects
- Support our distribution partners during **FAE trainings or end customer seminars**

### Profile

You actively listen to your business partners and enjoy building trustful relationships. You set yourself ambitious goals, make use of the knowledge of your team members and share your know-how. Furthermore, you keep profitability in mind and are able to prioritize your technical activities from a commercial point of view.

You are best equipped for this task if you have:

### At a glance

Location: **Langen (Germany)**  
Job ID: **316418**  
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:

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### Contact

**Dagny Alexa Romeike**  
Talent Attraction Manager



- **A degree in Electrical Engineering or similar field of studies**
- **At least 6 years of professional experience** as an (Field) Application Engineer or Design Engineer in the area of HV power electronics
- **Experience in the selection and design of HV Power modules** with IGBT or SiC Mosfets as well as their **control and protection circuits** (Gate Drivers)
- Understanding of **chip interconnect technologies, module parasitics and quality aspects**
- **Practical experience** in the lab, thermal or EMC design, layout, simulations
- **Project Management skills**
- **Fluent German and English** communication skills

## Benefits

- **Langen:** 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); Health promotion programs; Private insurance offers; Wage payment in case of sick leave; Corporate pension benefits; Performance bonus; 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.

*\* 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.*

