



Electrical Application Engineer Semiconductor Power Modules (f/m/div)*

Job description

Are you an expert in the field of power electronics and interested in semiconductor power modules for motor drives and renewable energy applications? Do you want to drive your technical career in an innovative DAX company? Then this might be THE chance for you! You will work on the definition of product requirements based on external & internal stakeholder requirements and act as technical interface to key customers and system manufacturers. Have we aroused your interest? Then we look forward to receiving your application.

In your new role you will act as **technical interface to international customers and system manufacturers** to support design-in activities and understand application needs.

Your new further tasks will be:

- Definition of **right-fit product requirements for semiconductor power modules** used e.g. in inverters for motor drives or renewable energy generation systems
- **Simulation and calculation** of the power module performance under customer-related environment conditions
- Work in **close collaboration with R&D** and customers during the product development phase
- Support of customer validation and internal **verification of new products**
- **Documentation and Publication** of product or technology features (e.g. by giving trainings/ creation of papers/ conferences) and Infineon internal know-how share

Profile

With this position you are entering our „technical ladder”: our career path for experts. You will be able to focus deeply on technology and share innovative ideas – while further pursuing your career. As you continually expand your technical knowledge, you will position yourself as a thought leader. You possess problem solving abilities and will be able to create business value – thus helping our products improve our world a bit more each day.

You are best equipped for this task if you have:

- **Degree in electronics, mechatronics, industrial engineering** or comparable
- **3+ years of experience in power electronics, semiconductors** or a similar discipline

At a glance

Location: **Warstein (Germany)**
Job ID: **336396**
Start date: **as soon as possible**
Entry level: **3-5 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: **336396**
www.infineon.com/jobs

Contact

Johanna Junghoelter
Talent Attraction Manager



- Know-How in **calculation and simulation** of power electronic devices and - circuits
- **First experiences with customer interaction** and customer support on technical level preferable
- High **communication skills, open mindset** and ability to establish and maintain social networks with internal and external partners
- **Willingness to travel worldwide** to support customers, as well as the Sales and Field Application Engineering teams
- Good **communication skills in English**. German would be added advantage

Benefits

- **Warstein:** 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; Holiday child care; 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**.

** 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.*

