



## Principal Engineer Product Application Engineering & Product Definition for Power Modules, Focus: “Medium Power” applications (Motor Drive Inverters, E-Trucks, Emerging Applications) (f/m/div)

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### Job description

Are you an expert in the field of power electronics and interested in semiconductor power modules for motor drive inverters, E-Trucks and more sustainable 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 the Technical Marketing in the [Division Industrial Power Control \(IPC\)](#) you will act as technical interface to international customers and system manufacturers to support design-in activities and understand application needs.

Your further tasks will be:

- Permanent **observation of market- and technology trends** at major market players and Infineon internal innovation departments as key for **innovative, new product ideas**
- **Definition of right-fit product requirements** as basis for the development of power modules used e.g. in motor drive inverters for industrial or truck applications
- **Simulation and calculation** of the electrical- and thermal power module performance under customer-related application conditions
- Work in **close collaboration with R&D and customers** during the product development phase
- Support of **customer validation and design-in** activities for power modules used in development projects of market leading, innovative customers
- **Publication of new products or technology features** (e.g. by giving trainings/ creation of papers/ conferences) and Infineon internal know-how share

### Profile

With this position, you will enter our "Technical Ladder" career path. The Technical Ladder is a special career path for those who share innovative ideas, demonstrate

### At a glance

Location: **Warstein (Germany)**  
Job ID: **347065**  
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: **347065**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)

### Contact

**Johanna Junghoelter**  
Talent Attraction Manager



comprehensive technical knowledge, show thought leadership, possess problem solving abilities and are able to create business value.

You are best equipped for this task if you have:

- A **degree in electronics, mechatronics, industrial engineering** or comparable
- **7+ years of experience in power electronics**, semiconductors or a similar discipline
- Relevant know-how in the function and concepts for **motor drive inverters**
- **Know-How in calculation** and simulation of power electronic circuits
- **Experiences with customer interaction** and customer support on technical level
- **Strong sense of innovation and readiness** to take ownership to drive the development of novel products with outstanding performance
- **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 in different regions
- **Good communication skills in English** (German would be an additional 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.**

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.

**– 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.*

