

# Driving decarbonization and digitalization. Together.



## Senior Staff Product Application Engineer

### Job description

In your new role you will:

- Defining product requirements as a basis for the development of power semiconductor modules.
- Simulating and calculating the electrical and thermal behavior of power semiconductor modules under customer-specific application conditions
- Collaboration with research and development (R&D) and customers in the short flow product development phase
- Validation and design-in of power semiconductor modules in new development projects of market-leading and innovative customers
- Informing about new products and technologies (e.g. through trainings /publications/conferences) and sharing knowledge internally at Infineon
- Supporting the verification of innovative product ideas by application-related product tests
- Supporting customers with technical support during design-in process and problem-solving activities at customers location or in laboratories

### Profile

You are best equipped for this task if you have:

- A successful (technical) university degree in electrical engineering, mechatronics, industrial engineering or a comparable field of study
- >5 years of experience in power electronics, semiconductor technology or power electronic applications
- Relevant knowledge in research, development and design of power electronic components, ideally also knowledge in function and concepts for converters
- Expertise in the calculation and simulation of power electronic circuits
- First experience in dealing with customers and customer support on a technical level
- Strong communication skills, open-mindedness and the ability to build and maintain networks and relationships with external and internal partners
- Willingness to travel to support customers as well as sales and field application engineering teams in China
- Very good communication skills in English and Chinese

### Benefits

### At a glance

Location:

Job ID: **HRC0806080**

Start date: **Jul 01, 2024**

Entry level: **1-3 years**

Type: **Full time**

Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0806080**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)



### Contact

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- **Shanghai** : 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; Medical coverage; On-site social counselling and works doctor, in Wuxi only.; Provision of health tips, health knowledge sharing, annual medical check; Employees in Shanghai are entitled to use a gym located close to the office for free; On-site canteen, in Wuxi only.; Private insurance offers in some sites.; Wage payment in case of sick leave; Corporate pension benefits in some sites.
- **Wuxi** : 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; Medical coverage; On-site social counselling and works doctor, in Wuxi only.; Provision of health tips, health knowledge sharing, annual medical check; On-site canteen, in Wuxi only.; Wage payment in case of sick leave; Corporate pension benefits in some sites.; Performance bonus; Reduced price for public transport
- **Xi'an** : 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; Medical coverage; On-site social counselling and works doctor, in Wuxi only.; Provision of health tips, health knowledge sharing, annual medical check; Employees in Shanghai are entitled to use a gym located close to the office for free; On-site canteen, in Wuxi only.; Private insurance offers in some sites.; Wage payment in case of sick leave; Corporate pension benefits in some sites.

## Why Us

### **Driving decarbonization and digitalization. Together.**

Infineon designs, develops, manufactures, and markets a broad range of semiconductors and semiconductor-based solutions, focusing on key markets in the automotive, industrial, and consumer sectors. Its products range from standard components to special components for digital, analog, and mixed-signal applications to customer-specific solutions together with the appropriate software.

### **We are on a journey to create the best Infineon for everyone.**

This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant´s experience and skills.

We look forward to receiving your resume, even if you do not entirely meet all the requirements of the job posting.

Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.

[Click here](#) for more information about Diversity & Inclusion at Infineon.

