

Driving decarbonization and digitalization. Together.



Staff Engineer Applications - HRC0792929

Job description

In your new role you will:

- Support design-in activities at our customers with detailed product expertise in Infineon Medium Voltage GaN.
- Enabling customer design-in of products and solutions with local support if necessary.
- Act as third level customer support with related functions (FAE ,Sales) on Infineon Medium Voltage GaN.
- Write technical article and promotional material together with the other related functions (PMK,PDE) about Infineon Medium Voltage GaN products.
- Producing content in support of new Infineon Medium Voltage GaN products.
- New product definition/ validation.
- Hardware & designs/ reviews including schematic, layout and component selection for demo boards/ EVBs/ customer requests.
- Deep analysis on products and find the value propositions.
- Technical documentation and promoting materials such as data sheets, technical reference manuals, application notes and knowledge base articles.
- Collaborate and share your knowledge with R&D, Validation, Verification and Production Test teams.
- Contributing to major product cross-functional teams for both product development and customer supporting.
- Develop and conduct trainings and workshops in your area of technical expertise for Field Application Engineers or customers.
- Prototyping and producing requirements definitions for new application and solutions.

Profile

You are best equipped for this task if you have:

- A degree in Electrical Engineering, Physics, Information Technology, Computer Science or similar field.
- Extensive knowledge of switching power supplies (SMPS) and power supply topologies (AC/DC and DC/DC).
- Deep understanding of Motor driver, Inverters, Solar, Energy Storage, and Industrial Power Applications.
- Knowledge of different device material (Silicon, Silicon Carbide and GaN).

At a glance

Location: **Shenzhen, (China)**
Job ID: **HRC0792929**
Start date: **Jun 01, 2024**
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. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0792929**
www.infineon.com/jobs



Contact

Sunny.Wang@infineon.com



- At least 5+ years of professional experience in product application engineering ; power converter design is a plus.
- Ability in guiding complex problems to a solution by technically advising teams and consolidating their deliveries.
- Experience in dealing with customers and working as interface between internal R&D and external partners.
- Joy in travelling for work possibly once in a year also intercontinental.
- Teamwork, self-discipline/ motivated/ innovative and pro-active.
- Good verbal and written communication skills.
- Fluent English skills.
- Be familiar with software tools such as Altium Designers, Mathcad/Matlab, PLECS, Simplis/Simatrix, Lab view.

Benefits

- **Shenzhen**, : 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.

