

Driving decarbonization and digitalization. Together.



Principal Engineer System Application Engineer - HRC0794135

Job description

In your new role you will:

- Main focus by advancing DC-DC Telecoms and Server applications, incorporating new digital, analog, Si and GaN-based technologies.
- Understand, structure and analyze application and system requirements.
- Translate application requirements and derive application solutions by Infineon offerings (products or solutions).
- Provide expert application level design-in support including training and/or prototypes for customers on application level.
- Explore innovations and know-how on system level via cooperation projects and customer engagement.
- Explore and implement with GaN.
- Identify gaps in product portfolio and propose new product ideas by the customer engagement and understand their system requirements.
- Guide and enable technical teams.
- Collaborate across global team and with stakeholders.

Profile

You are best equipped for this task if you have:

- Bachelor / Masters / PhD Degree in Electrical or Control Engineering.
- Minimum 10 years of experience in the industry and strong interest in advance power topology for DC-DC applications.
- Significant expertise in target application and system partitioning, can do circuit simulation and design and validation.
- Strong Knowledge of isolated power hardware designs(bricks, power modules) is a must including transformer design & different power topologies.
- Ability to leverage products into target systems. Deep understanding of Power ICs, Power MOSFETs and GAN ICs.
- Experience in GaN implementations is advantage.
- Knowledge of local telecom, server market is advantage.
- Competent technical writing skills, able to write and converse fluently in English.
- Is independent, proactively seeks to build relationship with key stakeholders and able to prioritize.

At a glance

Location:

Job ID: **HRC0794135**

Start date: **Jun 03, 2024**

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. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0794135**
www.infineon.com/jobs



Contact

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- Able to work with US time zone colleagues and to travel occasionally when required.

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.

