



Lead Principal Engineer System Architect - 353742

Job description

In your new role you will:

- Work with customers to understand, describe and help solve power architecture challenges in high performance compute systems in datacenter, telecommunication, and autonomous drive applications;
- Establish application architecture requirements and feature sets for new product definitions and help define functional blocks or control systems used in new products. Once productized, you will provide expert application level support to enable design-in activities;
- Be responsible for technical trend scouting of upcoming application needs or technology shifts to ensure continued Infineon success and growth. The Application Roadmap provides analysis and technical evaluation of the latest trends along with recommendations for technology strategies and identified technology development needs;
- Work with internal development teams to verify application target requirements.

Profile

You are best equipped for this task if you have:

- BS or higher in Electrical Engineering or similar field of studies with at least 10 years of power related experience;
- Knowledge in many power conversion topologies, power device, magnetics and control loop design;
- Experience in MOSFET, Gate Drivers and their interaction, and digital products preferred;
- Proficiency in using schematic entry, circuit simulation, and PCB layout tools;
- Good understanding of functional safety concepts and automotive system applications is desirable;
- Oral and written English language proficiency is strongly desired;
- Strong Customer facing experience with good communication skills.

Benefits

- **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

At a glance

Location: **Shanghai, (China)**
Job ID: **353742**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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Contact

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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

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.

