



Staff Engineer Field Application Engineering

Job description

In your new role you will:

- Provide technical support to USB PD charger/adaptor solutions to customers including providing reference designs, schematics/layout review, optimization solution on customer board, assisting issue debugging in customer systems
- Collect/consolidate requests and feedbacks from customers on our USB PD charger/adaptor solutions and provide to PL and R&D for best-fit future product roadmap
- Work closely with FW engineering team for optimization/customization /validating FW in digital control ICs for regional charger/adaptor customers
- Work closely with sales/marketing/QM teams for design-in/design-wins
- Write up documentation collaterals for customer FAQ, application notes for Go-to-market initiatives

At a glance

Location: **Shanghai, (China)**
Job ID: **360198**
Start date: **as soon as possible**
Entry level: **3-5 years**
Type: **Full time**
Contract: **Permanent**

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Job ID: **360198**
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Profile

You are best equipped for this task if you have:

- Minimum BSEE degree, major in electrical engineering is preferred
- Minimum 5 years of experience in AC-DC power conversion solution design
- Familiar with AC-DC, PFC, DC-DC topologies, power supply control methodologies, circuit design, component selection, system optimization and testing
- Familiar with hardware design including schematics/PCB layout review hardware debugging and strong problem-solving skills
- Familiar with the system level circuit modeling with EDA tools, Spice, MATHCAD, Si Metrix, etc.
- Good communication skills
- Proficient oral and written English.

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 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.

