



Staff Engineer Field Application Engineering

Job description

Familiar with AC-DC, PFC, DC-DC topologies, power supply control methodologies, circuit design, component selection, system optimization and testing

In your new role you will:

1. 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
2. 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
3. Work closely with FW engineering team for optimization/customization/validating FW in digital control ICs for regional charger/adaptor customers
4. Work closely with sales/marketing/QM teams for design-in/design-wins
5. Write up documentation collaterals for customer FAQ, application notes for Go-to-market initiatives

Profile

You are best equipped for this task if you have:

1. Minimum BSEE degree, major in electrical engineering is preferred
2. Minimum 5 years of experience in AC-DC power conversion solution design
3. Familiar with AC-DC, PFC, DC-DC topologies, power supply control methodologies, circuit design, component selection, system optimization and testing
4. Familiar with hardware design including schematics/PCB layout review, hardware debugging and strong problem-solving skills
5. Familiar with the system level circuit modeling with EDA tools, Spice, MATHCAD, SIMetrix, etc.
6. Good communication skills
7. 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.

At a glance

Location: **Shanghai, (China)**
Job ID: **348177**
Start date: **as soon as possible**
Entry level: **3-5 years**
Type: **Full time**
Contract: **Permanent**

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