



Staff Applications Engineer

Job description

Provide customer support for product design-in and debug to Infineon's key customers.

- In depth experience in Qi Wireless Charging Standard having taken end products through compliance & regulatory certification
- Have performed Interoperability tests and benchmarking of Qi Wireless Chargers
- Experienced with C Firmware development/debugging stack for Qi/USB-PD/NFC /ECDSA Authentication with ARM Cortex M0 based MCUs
- Provide customer support for product design-in and debug to Infineon's key customers
- Hands on lab experience for board bring-up and debugging of analog circuits, voltage regulators, and power distribution circuits
- Experienced in Power Magnetics design for volume manufacturing and able to develop vendor ecosystem
- Customer focused analytical approach to problem solving
- Create go-to-market evaluation boards, datasheets, application notes, design tools for new products
- Benchmarking of competitor's products
- Able to Simulate System Circuits and use Design Calculators, Worksheets

Profile

- Knowledge of Qi wireless power conversion standard and coil topologies
- Proficient in schematic entry, circuit simulation, and PCB layout tools
- Firmware Experience with ARM Cortex M0 controller
- Excellent customer interaction and support skills

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

At a glance

Location: **Shenzhen, (China)**
Job ID: **313509**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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Job ID: **313509**
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We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future. Efficient use of energy, environmentally-friendly mobility and security in a connected world – we solve some of the most critical challenges that our society faces while taking a conscientious approach to the use of natural resources.

