



## 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

### At a glance

Location: **Shenzhen,**  
Job ID: **313509**  
Start date: **immediately**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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