



Senior Staff Engineer Application Engineering

Job description

In your new role you will:

- Actively interact with Concept Engineers and System Application Engineer team to deeply understand customer requirements on power of charger/adaptor applications;
- Define and develop customized embedded firmware solutions AC/DC Controller firmware on Flyback /Hybrid Flyback / LLC etc. to meet customer the timelines, quality, security and foot-print requirements;
- Be responsible for design and drive FW implementation/modifications;
- Debug and solve FW problems in real time hardware system during development as well post release phase together with hardware FAEs;
- Write up technical documentations of FW diagram and application notes.

Profile

You are best equipped for this task if you have:

- BSEE or higher degree in Electronics, Computer Science Engineering
- Proven experience in embedded software development preferably firmware development for MCU, ASIC or similar hardware controllers
- Experience in developing and testing communication interfaces, such as I2C, I3C, SPI and UART
- Solid experience in programming language C and scripting language Python
- Good understanding of ARM Cortex-M architecture and toolchain, memory management, linking process
- Good problem solving and debugging skills with a can-do attitude
- Be familiar with the power supply topologies and control methodologies would be a plus
- Proficient oral and written English.

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

At a glance

Location: **Shenzhen, (China)**
Job ID: **357911**
Start date: **as soon as possible**
Entry level: **3-5 years**
Type: **Full time**
Contract: **Permanent**

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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.

