



Principal Engineer Application Engineering

Job description

At least and 5+ years of related successful experience in MCU firmware development

In your new role you will:

- Develop PD Controller firmware on Notebook/Desktop/Embedded Host applications.
- Support new/customized feature implementation and issue fixes on customer design.
- Co-work with internal SW/Validation/Design teams for firm ware developing on PD design..
- Co-work with Distributor FAE teams for customer project support.
- Support USB/PD Compliance test and analyze issues.
- On-Site Support for Local OEM/ODM
- Self-Starter on studying various Specification and Certification to develop solutions.

In addition,

- Resolve customer issues or difficulties in a manner that is consistent with the company mission, values, and financial objectives.
- Maintain professional business relationships within target accounts.
- Provide status of ongoing projects and future projects.
- Identify customer's needs and sales opportunities to help future growth

Profile

You are best equipped for this task if you have:

- At least and 5+ years of related successful experience in MCU firmware development.
- Familiar with C language developing/programming skills are needed.
- I2C/UART/SPI interface protocol and debugging skills will be necessary
- Debug from the system level down to the component level

At a glance

Location: **Shanghai, (China)**

Job ID: **340158**

Start date: **as soon as possible**

Entry level: **5+ years**

Type: **Full time**

Contract: **Permanent**

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- Familiar with operation of all lab related equipment, such as Oscilloscope, Logic Analyzer, Protocol Analyzer etc.
- Excellent verbal and written communication skills both in English and Chinese
- Communication/interfacing skills to face OEM/ODM directly and discussing /checking issue closely
- Familiar with Type-C, PD2.0, and PD3.0 standard will be plus
- Knowledge of PC Host Application system structure and support experience of Type C and PD firmware will be plus

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.

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.

