



## Senior Staff Applications Engineer

### Job description

Creation or review of reference schematics for customers.

- Creation or review of reference schematics for customers.
- Developing and customizing firmware for customers' requirements.
- Validation of firmware and hardware against customer requirements.
- Bring-up of customer hardware (Integration of Cypress delivered firmware with customer's hardware).
- Testing and validation of Cypress Firmware on Customer's Hardware.
- Writing Application notes for Type-C and USB-PD Applications.
- Creating reference designs.
- Training customers and field engineers on Cypress solutions for USB-PD and Type-C.
- Come up with external requirements for new products (Silicon, Reference Designs and FW).

This is a great opportunity to work on a cutting-edge technology like Type-C and USB-PD. See <http://www.cypress.com/Type-C> for an overview solution offered by Cypress in this space

### Profile

- 5-10 years of relevant work experience
- Ability to work with a variety of internal teams in Hardware and Software Engineering, Systems, Field Applications Engineering, Sales, Marketing, Standards Bodies (USB-IF) and external customers Experience with HW design for interface products and/or power conversion products
- Understand the PCB design layout and schematic capture, ability to pick right components based on system requirements
- Hands on debugging of Interface products and Microcontroller products.
- Experience with lab equipment such as oscilloscope, protocol analyzers,
- Understanding of various host interfaces: USB, I2C, UART, SPI, etc
- Knowledge of analog design, power management circuits like switching regulator/LDO/DC-DC converters
- Experience in embedded system design or applications/customer support
- Demonstrate ability to design turnkey solution and understand all aspects of product life cycle are a plus Strong team-player and practical hands-on problem solver

### At a glance

Location: **Shenzhen, (China)**  
Job ID: **313533**  
Start date: **as soon as possible**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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- Ability to multitask in a high energy environment
- Has the ability to drive architecture of both customer designs and internal reference design

## 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

**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.

