



Staff Engineer Applications

Job description

Come join our Wired USB division at Cypress where we are working with top consumer electronic OEMs to provide complete system level solutions for USB Type-C and Power Delivery products. Cypress is the world-leader in USB-C and Power Delivery controllers for Personal Computers, Mobile Phones, Chargers, Docks/Dongles and Display products.

In your new role you will:

- Co-develop and help our strategic customers design and build USB Type-C and Power Delivery interfaces into their systems.
- Also work closely with engineering and sales and marketing to help further grow our USB Type-C business.
- 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

Profile

You are best equipped for this task if you have:

- 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
- Ability to write and debug software in C and/or assembler
- Ability to understand the PCB design layout and schematic capturability to pick right components based on system requirements
- Hands on debugging of Interface products and Microcontroller products

At a glance

Location:

Job ID: **341635**

Start date: **as soon as possible**

Entry level: **3-5 years**

Type: **Full time**

Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **341635**
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- 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
- Strong team-player and practical hands-on problem solver
- Ability to multitask in a high energy environment
- Excellent written and verbal communication skills and enthusiasm for solving customer problems in a collaborative manner
- Bachelor's degree in Electrical/Electronic Engineering
- 5+ years of related experience

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.

Cypress Semiconductor Corporation is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex (including pregnancy, childbirth, or related medical conditions), gender identity, national origin, ancestry, citizenship, age, physical or mental disability, legally protected medical condition, family care status, military or veteran status, marital status, domestic partner status, sexual orientation, or any other basis protected by local, state, or federal laws. Applicants with questions about access or requiring a reasonable accommodation for any part of the application or hiring process should contact the Talent Network by phone at (408) 503-2194.

Employment at Infineon is contingent upon proof of your legal right to work in the United States under applicable law, verification of satisfactory references and successful completion of a background check and drug test, and signing all your onboarding documents .

In some instances, if applicable, U.S. export control laws require that Infineon obtain a U.S. government export license prior to releasing technologies to certain persons. This offer is contingent upon Infineon's ability to satisfy these export control laws as related to your employment and anticipated job activities. The decision whether or not to submit and/or pursue an export license to satisfy this contingency, if applicable, shall be at Infineon's sole discretion.

IMPORTANT NOTICE:

Infineon is requiring all new U.S. employees and contractors to be fully vaccinated against COVID-19. Full vaccination is defined as two weeks after both doses of a two-dose vaccine or two weeks since a single-dose vaccine has been administered. Anyone unable to be vaccinated, either because of a sincerely held religious belief or a medical condition or disability that prevents them from being vaccinated, can request a reasonable accommodation.

Infineon Technologies takes data privacy and identity theft very seriously. As such, we do not request personally-identifiable information (PII) from applicants over the internet or electronically. Please kindly refrain from disclosing your PII electronically during the application process or to unauthorized websites that may purport to be Infineon or any of our affiliates.

