



## Senior Staff Applications Engineer

### Job description

Do you have the skillset to thrive in a high-paced environment? If you have the skillset to match engineering, sales, marketing, and reference design this will be the perfect opportunity! Apply here at Infineon today!

#### In your new role you will:

- Create or review reference schematics for customers
- Develop and customize firmware for customer requirements
- Validate firmware and hardware against customer requirements
- Bring up customer hardware (Integration of Infineon delivered firmware with customer's hardware)
- Test and validate Infineon Firmware on Customer's Hardware
- Write application notes for Type-C and USB-PD Applications
- Create AC/DC and DC/DC reference designs
- Train customers and field engineers on Infineon solutions for USB-PD and Type-C
- Come up with external requirements for new products (Silicon, Reference Designs and FW)

### Profile

#### You are best equipped for this task if you have:

- 5-7 years of relevant work experience
- The 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
- An understand of 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,
- An understanding of various host interfaces: USB, I2C, UART, SPI, etc
- Knowledge of analog design, power management circuits like switching regulator/LDO/DC-DC converters and AC/DC converters
- Experience in embedded system design or applications/customer support

### At a glance

Location:

Job ID: **354239**

Start date: **Sep 05, 2022**

Entry level: **5+ years**

Type: **Full time**

Contract: **Permanent**

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Job ID: **354239**

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

## 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 on-boarding 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.**

