



Lead Principal Software Engineer

Job description

Are you leader in software design and architecture, enthusiastic tinkerer, expert in deeply embedded systems, ARM and C programming guru? Do you want to be a part of the team that creates the next generation, bleeding edge Bluetooth technology? If yes, this is the job for you!

In your new role:

- You will be a Lead Principal engineer to come work in our core Bluetooth firmware team in San Diego on Infineon's next generation Bluetooth IP and SoCs. As a member of this team, you will work on implementing the latest versions of the Bluetooth controller firmware, device drivers and ARM PSA
- You will work on various aspects of the software development life cycle including definition of the feature, design, development and unit testing of the features, and you will be involved in chip tape outs, bring ups and qualification
- You will collaborate with various engineers with diverse expertise, and various time zones
- You will also participate in design and code reviews, mentor junior engineers or even write your own automation scripts so you can be more productive!

Profile

You are best equipped for this if you have:

- A Master's degree in Electrical/Computer Engineering or Computer Science
- A minimum of 12 years of embedded systems experience. Bluetooth controller firmware experience is an added advantage
- Very strong C programming skills and proficiency in low level firmware development
- Thorough understanding of the ARM architecture, and the latest ARMIP /technologies currently available
- Deep understanding of RTOSs for memory/MIPS constrained devices
- Hands on experience developing and debugging complex device drivers for embedded systems

At a glance

Location:

Job ID: **348730**

Start date: **as soon as possible**

Entry level: **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:

Job ID: **348730**

www.infineon.com/jobs



The Connected Secure Systems (CSS)

segment offers comprehensive systems for a secure, networked world with a portfolio built around reliable, trendsetting microcontrollers as well as wireless connectivity and security solutions. Over the past decades, CSS has developed microcontroller, Wi-Fi, Bluetooth and combined connectivity solutions (known as connectivity combos) and hardware-based security technologies. The products are used in a broad range of applications: from consumer electronics, IoT and home appliances to IT equipment, cloud security and networked cars all the way to credit and debit cards, electronic passports and IDs. With its leading technologies in the areas of computing, connectivity and security, CSS makes a decisive contribution to protecting today's and tomorrow's networked systems.

[Click here](#) for more information about working at CSS with interesting employee and management insights and an overview with more [#CSSDreamJobs](#).

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.

