Senior Staff Engineer

Job description

We are currently seeking talented Senior Staff Engineer who want to join a dynamic and experienced team and take their technical knowledge to the next level in our mission of excellence.

In your new role you will:

- Participate in architecture definition.
- Contribute to micro-architecture definition and reviews.
- Review industry standard specs and ensure IPs are kept up to date for compliance.
- Define design partitioning for efficient IP/sub-system implementation
- Review and provide feedback on verification/validation plans.
- Drive block/chip/system level development and execution.
- Work with Hard IP designers, verification, validation, Firmware engineers and architects to produce thoroughly verified, robust IP
- Actively participate in post-silicon bring-up, validation and compliance testing.

Profile

You are best equipped for this task if you have:

- Proven track record of taking IPs from definition to production.
- Experience in complex IP design.
- Good understanding of ASIC design and verification methodologies and flows.
- Excellent understanding of standard ASIC design techniques, including:

    - Architecture/Micro-architecture definition
    - Design partitioning
    - Multiple async clock domain designs
    - Clock/Reset architecture
    - Excellent understanding of Synthesis/STA, CDC, Lint, LEC

- Good problem-solving skills.
- Experience working effectively with both internal and external teams/customers is expected.
- Experience with silicon debug of complex logic Blocks.

At a glance

Location:

Job ID: **352879**

Start date: **as soon as possible**

Entry level: **5+ years**

Type: **Full time**

Contract: **Permanent**

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Job ID: **352879**

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- Strong written and verbal communication skills.
- Facilitator of direct and open communication, diversity of opinion, and debate.
- Self-motivated with the initiative to seek constant improvements in the design methodologies.
- Strong initiative, analytical/problem solving skills, team working skills, ability to multitask and be able to work within a diverse team environment.
- Expertise in Design for test and power aware designs is a plus
- Expertise in USB/PCIe/micro-controller space is a plus
- 10-12 years of 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 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.

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