



Senior Design Engineer

Job description

Join Infineon's System Resource Center of Excellence design team. Participate in the development of mission-critical IP for our System-On-Chip IoT & Automotive products! This Senior Design Engineer will be responsible for the design and development of Digital Circuits along with characterization of System Resource IP on Silicon

In your new role you will:

- RTL design, logic simulation and verification, RTL synthesis, STA, and ETM creation of Digital IP Blocks
- Scripting various tasks for process automation
- IP block development, promotion to full chip level, and interfacing with full chip assembly teams to complete the integration
- Behavioral model vs. schematic verification
- Interfacing with cross functional teams located around the globe

Profile

You are best equipped for this task if you have:

- Master's degree with 3 years of experience or PhD degree in Electrical engineering or related equivalent
- RTL design, simulation, verification, timing analysis, power analysis, synthesis and implementation of Embedded Systems and Digital IP Blocks
- Programming in C/C++/Embedded C, Python, Tcl, and shell
- Knowledge in CMOS technology, VLSI circuits design, Layout design, Analog and Mixed Signal IC Design, and Digital logic circuit designs
- Proficient in MS office products (Word, Excel, PowerPoint)

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.

At a glance

Location:	Colorado Springs, CO (United States)
Job ID:	347843
Start date:	as soon as possible
Entry level:	0-1 year
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: **347843**
www.infineon.com/jobs



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.

