



Analog Design Engineer (Warwick, RI)

Job description

Infineon Technologies Americas Corp. is seeking an Analog Design Engineer (Warwick, RI) to guide layout teams throughout the physical IC layout process in the development of analog and mixed signal integrated circuit schematics for power management products.

Infineon Technologies Americas Corp. is seeking an Analog Design Engineer (Warwick, RI) to guide layout teams throughout the physical IC layout process in the development of analog and mixed signal integrated circuit schematics for power management products. Inspect electronic equipment and systems to ensure all requirements are satisfied. Prepare complex verification reports to document the results of various simulation scenarios designed to test the functionality of newly developed power management products. Recommend product design modifications. Champion post-layout parasitic extraction initiatives. Execute final simulation activities prior to the post-layout and tape-out phases. Approve final implementation of the PCB layout upon completion.

Profile

JOB REQUIREMENTS:

Requires a Master's degree or foreign equivalent in Electronics Engineering, Electrical Engineering, or a related field. Must have knowledge or skills in: Power conversion topologies and control topologies; Analog and mixed signal design concepts including simulation tool usage and tradeoff considerations; Understanding and verifying the stability criteria for the control loops in the regulators under development; Understanding critical requirements in the physical layout of the intended product; and Use of benchtop test equipment to participate in the verification of the final product, including oscilloscopes, power supplies, and electronic loads. Infineon requires all new U.S. employees & contractors to be fully vaccinated against COVID-19. 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.

Benefits

- **Warwick, RI:** Medical, Dental & Vision Plans; Flexible Reimbursement Accounts (FSAs); Industry leading 401k Employer Contribution/Match; Company Performance Bonus; Holiday Pay & Paid Time Off (PTO); Flexible Working Conditions, Part-time Options; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Wide range of Training Offers & Career Development Planning; Coaching, Mentoring, Networking Possibilities; International assignments; Basic Life & Dependent Life Insurance;

At a glance

Location: **Warwick, RI (United States)**

Job ID: **76094**

Apply to this position online by following the URL and entering the Job ID in our job search:

Job ID: **76094**

www.infineon.com/jobs



Paid Sick Leave, Accidental Death & Disability Insurance (AD&D); Short-term & Long-term Disability; Employee Assistance Program (EAP); Health Promotion Programs; Reduced Price for Public Transportation

Why Us

Part of your life. Part of tomorrow.

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

Infineon Technologies Americas Corp. 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.

