



Senior Staff Engineer Product Applications

Job description

We are looking for a Senior Staff Engineer Product Applications Who has experience in designing DC/DC, lab skills, PCB layout, power conversion topologies, semiconductor power devices, magnetics and control loop designs. Apply Now!!

In your new role you will:

- Customer application support for **Enterprise Power products** including digital multi-phase controllers and integrated power stages in server, networking, AI and telecom applications
- Validate new power stage products.
- Provide and maintain power stage performance data for customer applications
- Design and test new product evaluation boards and customer application boards
- Generate reference design schematics, application notes and design tools for new products
- Support customer design-in activities including schematic and layout reviews, board bring-up, system level validation and debug of technical problems
- Provide technical support on power stage related questions and field failure analysis
- Approximately 10% of travel time to provide on-site customer support

Profile

You are best equipped for this task if you have:

- BSEE with more than 3 years of working experience, MSEE or PhD in Electrical Engineering, preferred in Power Electronics
- Knowledge in power conversion topologies, semiconductor power devices, magnetics and control loop designs
- Hands-on experience in designing **DC/DC** converters and developing power management products
- Extensive lab skills in using digital oscilloscopes, function generators and network analyzers for the test and debug of switching power supplies
- Proficiency in using schematic capture, circuit simulation, and PCB layout software tools
- Experience in using digital controller for power management is a plus
- Effectively multitask, manage project priorities and solve technical problems independently

At a glance

Location: **Warwick, RI (United States)**
Job ID: **354080**
Start date: **as soon as possible**
Entry level: **3-5 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: **354080**
www.infineon.com/jobs



- Good written and verbal communication skills, and work effectively in a team environment

Infineon **Power & Sensor Systems (PSS)** semiconductors play a vital role in enabling intelligent power management, smart sensitivity as well as fast and reliable data processing in an increasingly digitalized world.

Our leading-edge power devices make chargers, adapters, power tools and lighting systems smarter, smaller, lighter and more energy-efficient. Our trusted sensors increase the context sensitivity of “things” and systems such as HMI, and our RF chips power fast and reliable data communication.

– **We drive leading-edge power management, sensing and data transfer capabilities** –

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

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; 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.

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