



Staff Applications Engineer, mmWave and RF Systems

Job description

Join us and collaborate with various teams both locally and globally to help drive company design win targets towards the end result of generating company revenue. You will be at the forefront of defining new product features and ideas that will contribute to future company growth and help shape the consumer electronics of tomorrow.

In your new role you will:

- Apply your **RF** and **mmWave** experience to design in Infineon Technologies' advanced **mmWave radar sensor products** into **consumer and industrial systems**
- Provide expert **technical guidance** and support for **customer product designs and platforms**
- Develop and **drive innovative solutions** for specific customer use cases and requests
- **Resolve technical problems** in customer designs and platforms at all stages of the customer's product cycle
- Create **application notes, demonstration/evaluation boards** and other tools to aid in the **design-in process** and to exemplify an optimal working solution for customers using Infineon Technologies' products
- Perform **design simulations** for **antenna and radome design**
- Provide technical guidance and instruction to field engineering team
- Understand technical and competitive trends in mmWave and RF technologies and applications
- **Collaborate** with Product Development and Marketing with **new product ideas** based on customer's future product requirements and system needs

Profile

You are best equipped for this task if you have:

- BSEE required, MSEE preferred
- 5+ years overall **design and/or test** experience with **mmWave** or **radar technologies**
- Strong working **system knowledge** in **mmWave radar platforms**
- Deep understanding in **RF/mmWave MMICs** and **components** supporting frequencies over 24GHz

At a glance

Location: **Milpitas, CA (United States)**
Job ID: **353264**
Start date: **Aug 15, 2022**
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: **353264**
www.infineon.com/jobs



- Test experience in testing and debugging complex mmWave/RF circuits and systems
- Design experience in mmWave frequencies including **circuit simulation, PCB design, and antenna design**
- Working experience with **design tools** such as Altium, Cadence/AWR Microwave Office, Keysight ADS, and ANSYS HFSS
- Ability to work collaboratively in a team and contributing guidance with your expertise
- Strong quantitative analysis skills with the ability to quickly understand complex situations/problems and resolve them effectively
- Effective multi-tasking and ability to manage priorities independently

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

- **Milpitas, CA:** 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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