



## Applications Engineer, Sensor Products/Systems

### Job description

As a member of a dynamic engineering team for Infineon Technologies, you will work with industry leading sensors technologies and collaborate closely with world class customers in the consumer electronics market. You will leverage your experience to achieve innovative ideas and new user experiences in customer designs using our silicon microphones, pressure sensors, and environmental sensor products. In this role, you will 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:

- Provide **product and systems technical applications support for Infineon's audio microphone and sensor products**
- **Design topology, system, and component level recommendations based on customer needs**
- Support **system level debug** of problems observed during customer design and implementation
- Support **product testing and verification on new products released** by development team
- Conduct trainings and demonstrations for FAEs and customers
- Develop **new product ideas based on customer future product requirements** and end system needs
- Be the technical expert at customer meetings representing benefits of Infineon solutions against competing products
- **Develop collateral materials** including hardware demonstrators for sensors
- Generate application notes and trade publications. Prepare and deliver webinars for online training and present papers at conferences
- Be responsible for understanding technical and competitive trends in sensing technologies and applications
- Maintain technical competence to speak knowledgeably about products or services

### Profile

You are best equipped for this task if you have:

- BSEE required, MSEE preferred

### At a glance

Location:

Job ID: **342600**

Start date: **Aug 15, 2022**

Entry level: **5+ years**

Type: **Full time**

Contract: **Permanent**

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Job ID: **342600**

[www.infineon.com/jobs](https://www.infineon.com/jobs)



- 5+ years overall relevant experience with target applications either as an applications engineer, or system designer in sensing applications
- **Strong working knowledge in audio components and systems, pressure sensing, and environmental sensing**
- Knowledge in MEMS microphones and its process and package technologies
- Motivation to initiate and drive projects to completion
- Experience in conducting **hands-on lab work for testing and debugging**
- Experience in circuit simulation and PCB design
- Fast learner, capable to quickly understand complex situations/problems and strong quantitative analysis skills
- Ability to think and act strategically and operationally with minimal direction
- Ability to travel globally

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
- **San Jose, 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.**

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.



*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 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.

#LI-CR1

