



Senior Engineer Class D Audio

Job description

We are looking for a Electrical Engineer , who has experience in PCB schematic layout design, analog circuit design, mixed-signal, power electronics and design for EMC/EMI . Apply Now!!

In your new role you will:

- A Degree in Electrical, Electronical engineering or similar
- At least 2 years' experience in a similar position
- Experience in PCB schematic layout design, analog circuit design, mixed-signal, power electronics and design for EMC/EMI
- Experience in writing technical documentation and training material
- Experience working with Altium, Simulink, MatLab and any microcontrollers' related tools would be an advantage
- Know-how in control theory and power electronics, and embedded system and DSP applied to audio
- Experience in conducting hands-on lab work with switched-mode power converters for problem solving using power electronics, digital, analog and mixed signal understandings
- Experience in circuit design, not "cookbook" usage of principle circuit, i.e. understandings of limitations in passive components in order to select right component and PCB design
- Experience in defining and designing class-D audio applications is plus
- Fluency in English language
- Willingness to travel

#LI-MH1

Profile

You are best equipped for this task if you have:

- Design-in of class-D amplifiers together with regional support teams or customers - according to customer specifications
- Create demonstrators, evaluation boards and reference designs for class-D amplifier products
- Translate customer requirements into new product specifications
- Support on the validation of new product developments

At a glance

Location: **El Segundo, CA (United States)**
Job ID: **351439**
Start date: **as soon as possible**
Entry level: **1-3 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: **351439**
www.infineon.com/jobs



- Develop Product Support & go-to-market (G2M) activities, such as:
 - o Writing datasheets, application notes and white papers
 - o Preparing training material and giving presentations
 - o Give technical demonstrations at customer site or fairs and shows
 - o Product comparison - both on paper and test benching

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

- **El Segundo, 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.

