



Principal Component Engineer

Job description

Do you have a strong background in Component Engineering accompanied by a working knowledge of Hybrid product technology and processes? Join our IR HiRel team and leverage your experience to support the business with designing, developing, modifying and evaluating analog and mixed signal electronic parts, components or integrated circuitry for electronic equipment and other hardware systems.

In your new role you will:

- **Design, develop, modify and evaluate analog and mixed signal electronic parts, components or integrated circuitry for analog and mixed signal electronic equipment and other hardware systems**
- Advise design engineering on **selection, application and test of electronic components and systems**
- **Determine reliability requirements of components and systems** to achieve company, customer and any governmental agency reliability objectives
- Make recommendations for changes in the selection and application of components and systems
- May maintain component data management system including **qualification records/results/documentation**
- Select components and equipment based on analysis of specifications and reliability
- **Source, select, and qualify components** used in the company's technology
- Investigate alternate component technologies or supplies, reducing cost and improving quality and reliability
- Act as technical interface between component/production suppliers and development engineers, determining new and alternate sources
- Investigate alternate component technologies or supplies for reduced cost or improved quality and reliability, and implements changes
- Develop guidelines/procedures on vendor selection
- May also review vendor capability to support product development
- Evaluate supplier change notification and qualify changes, as needed
- Represent Component Engineering at the Parts Control Board
- Develop and Maintain an Approved Parts List

Profile

You are best equipped for this task if you have:

At a glance

Location: **San Jose, CA (United States)**
Job ID: **350009**
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: **350009**
www.infineon.com/jobs



- BSEE and 7-10+ years of related industry experience; MSEE and 5+ years of related industry experience, preferred
- 3+ years of experience in **Component Engineering**
- 3+ years of **Hybrid Engineering** with an emphasis on **Hybrid DC-DC converters**
- Knowledge of Hybrid product technology and processes
- Knowledge of **qualification of hybrid components** and associated processes
- Experience with collaboration among vendors, quality, purchasing and design team members in support of new design
- Proficiency in MS Office (Word, Excel)
- Good understanding of passive and active components
- Good communications skills, verbal and written

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. IR HiRel, part of Infineon PSS, is a leader in high-reliability, rad hard power management and RF solutions for space and other extreme environments.

Our leading-edge power devices make chargers, adapters, power sources 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

- **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.

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.

IR HiRel Products Inc. 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.

