



## Lead Principal Engineer (Sys)

### Job description

Do you have the skillset to thrive in a high-paced environment? If you have the skillset to match Technical Marketing, Architecture, and Software Applications this will be the perfect opportunity! Apply here at Infineon today!

#### In your new role you will:

- Work collaboratively with Technical Marketing, Architecture, Software and Applications
- Work with engineering teams to define the requirements, architecture and implementation of the security-focused HW and SW blocks of our our next generation IoT products
- Work with a team that is responsible for ensuring our security solutions meet the needs of today while being extensible to accommodate the needs of tomorrow
- Work with product owners, hardware and system architects in the requirements phase and continue with the engineering teams in the implementation phase guiding ideas into reality

### Profile

#### You are best equipped for this task if you have:

- Worked with HW, SW, and systems architects to ensure the security sub-systems and software meets the platform goals
- Familiarity with security frameworks and certifications such as the Platform Security Architecture (PSA), SESIP, Common Criteria, Trusted Firmware, Global Platform, and TrustZone
- Provided feedback to product owners in the requirements phase of a project
- Worked on a cross-functional team on comprehensive threat models
- Technical oversight of software development from requirements phase through production to ensure the end product is consistent with strategy and architecture
- Fostered consistency in APIs and coding standards across modules
- Ensured our solutions meets all stated requirements of quality, security, performance, extensibility etc

### Benefits

#### At a glance

Location: **San Jose, CA (United States)**  
Job ID: **347696**  
Start date: **as soon as possible**  
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: **347696**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)



- **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.

*Cypress Semiconductor Corporation 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.**

