

# Driving decarbonization and digitalization. Together.



## Lead Principal RF/Mixed-Signal IC Design Engineer

### Job description

As a Lead Principal RF/Mixed Signal IC Design Engineer, you will play a lead role in the development of next generation Wireless Radio Transceivers. We are actively seeking talented RF, Mixed-Signal & Analog IC design engineers who want to join a dynamic and experienced team and take their technical knowledge to the next level in our mission of excellence. Does this sound exciting? If so, please apply today!

#### In your new role you will:

- Have a proven track record in low power, low cost **RF IC** design in **CMOS**, and have experience in developing full wireless transceivers.
- Be responsible for the design of radios in various process technologies including deep submicron CMOS encompassing the design of **data-converter** blocks such as **ADCs** and **DACs** & RF IC transceiver blocks such as VGAs and filters. You may help with transistor modeling for **Mixed-signal** & Analog designs, RF board and module design, and lab characterizations.

### Profile

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

- PhD or MS in Electrical Engineering (or equivalent) preferred
- Expertise in RF, Mixed-signal & Analog IC CMOS designs is highly desirable.
- Ideal candidates will have at least 7 years of experience of CMOS RF, Mixed-signal and Analog IC design experience in several of the following areas:
  - RF IC Transceivers baseband blocks (filters & VGAs)
  - RF blocks used in transmitters and receivers
  - Front-end (LNA, mixers, PA drivers, PAs)
  - **PLLs & Frequency Synthesizers**
  - Wireless product development
  - Experience in Low Power and Ultra Low Voltage (<1V) designs
  - **Data-converters (ADCs & DACs)**
  - AMS or other mixed signal verification methodologies
  - Must be a self-starter, has passion for his/her work, and be able to work well in a team of RF & Analog IC design engineers
  - System-level specification, floor planning, characterization, and productization experience is desired.

### At a glance

Location: **San Jose, CA (United States)**  
Job ID: **HRC0429220**  
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. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0429220**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)



## – Connected Secure Systems (CSS) is at the heart of the IoT –

The CSS division provides end-to-end systems for a connected, secured world – building on trusted, game-changing microcontrollers as well as wireless and security solutions. CSS delivers microcontrollers plus Wi-Fi, Bluetooth® and combined connectivity solutions (known as connectivity combos) along with hardware-based security technologies to power the broadest application spectrum spanning consumer electronics, IoT devices, cloud security, IT equipment, home appliances, connected cars, credit and debit cards, electronic passports, ID cards, and more. The division is at the forefront of computing, wireless connectivity, and trusted technologies that are helping to securely connect the networked systems of today and tomorrow.

[Click here](#) for more information about working at CSS with interesting employee and management insights and an overview with more #CSSDreamJobs.

## 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

Infineon designs, develops, manufactures, and markets a broad range of semiconductors and semiconductor-based solutions, focusing on key markets in the automotive, industrial, and consumer sectors. Its products range from standard components to special components for digital, analog, and mixed-signal applications to customer-specific solutions together with the appropriate software.

### **We are on a journey to create the best Infineon for everyone.**

This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant's experience and skills.

We look forward to receiving your resume, even if you do not entirely meet all the requirements of the job posting.

Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.

[Click here](#) for more information about Diversity & Inclusion at Infineon.

### **Driving decarbonization and digitalization. Together.**

*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.*

*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.*

**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.**

**Wage Range that the Company Expects to pay for a qualified candidate:**

**Minimum of \$ 199,040 salary per year**

**Maximum of \$ 273,680 salary per year**

**In addition, all full-time employees will be eligible to participate in an incentive plan**

#LI-EL1

