



IC Design Engineer Lead

Job description

You have at least 15 years of IC design experience with a strong balance of technical and leadership skills. You have design experience with Power Management ICs, LDMOS /BCD process technologies and PDKs and you enjoy mentoring less experienced designers, highlighting good design practices. For this hands-on technical role you will guide a small mixed-signal design team, partner with internal teams and perform all aspects of IC analog/mixed signal design.

In your new role you will:

- Guide a small **mixed-signal design** team
- Be the Design Lead for **Power Management ICs** and **MCMs**
- Work closely with Concept Engineering, Applications, Marketing, and Project Managers to **define feature set, chip architecture, resourcing, schedule and cost**
- Mentor less experienced designers in the art of mixed-signal design, highlighting good design practices
- Perform all aspects of **IC analog/mixed signal design** from definition to production. Potential areas of design include precision, **low-power analog & I/O blocks, A/D & D/A converters, PLLs**, as well as higher voltage integrated drivers, **switching FETs**, and sense and protection circuitry.

Profile

You have strong leadership and team-building experience with exceptional interpersonal, time management and communication skills.

You are best equipped for this task if you have:

- **MS or PhD in Electrical Engineering** or related field and minimum of 15 years of IC design experience
- Strong foundation in **analog and mixed signal design**
- Have experience as a design team lead
- Attention to detail during all aspects of **architecture definition, circuit design, debug and documentation**
- Design experience with **Power Management ICs** and **LDMOS/BCD** process technologies and **PDKs**
- Proficiency with the complete suite of **Cadence tools** for mixed signal design

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.

At a glance

Location: **Warwick, RI (United States)**
Job ID: **360411**
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: **360411**
www.infineon.com/jobs



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

- **Warwick, RI:** 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.

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