



Senior Level IC Layout Engineer

Job description

You have at least 10+ years of experience in high performance analog layout in advanced CMOS process. This includes setting up LVS, DRC, ERC environments and debug verification issues using Cadence tools. In this role your strong communication and collaboration skills will be key in working well with remote design teams; as well as guiding and training junior engineers. If you are also a highly motivated and innovative individual then we have the opportunity to showcase your abilities!

In your new role you will:

- Set up **LVS, DRC, ERC environments** and **debug verification issues** using **Cadence** tools
- Have experience with layout of high power **power management IC's**
- Have thorough knowledge of industry standard EDA tools from Cadence
- Engage in **floor planning, die size estimates, block level routing** and **top level chip assembly**
- Apply high performance **analog layout techniques** such as common centroid layout, shielding, use of dummy devices, thermal aware layout with consideration for electromigration
- Demonstrate your experience with analog layout for silicon chips in mass production
- Work with remote design teams; as well as **guide and train junior engineers**
- Read and interpret Design Rule Manuals
- Perform **physical layout implementation** at block and top levels utilizing best practices for matching, shielding, dummies, fills, and isolation

Profile

You are a strong team player that is highly motivated, innovative and capable of driving tasks to a successful conclusion.

You are best equipped for this task if you have:

- **Associate or Bachelors in EE** or other equivalent studies with 10+ years of relevant experience.
- **10+ years experience** in high performance **analog layout** in advanced **CMOS** process
- Experience with **Cadence Virtuoso, Assura, and Calibre** with an understanding of **PDK's, PCELL's, layers**, etc.
- Very good organizational and detail-oriented skills

At a glance

Location: **Warwick, RI (United States)**
Job ID: **360370**
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: **360370**
www.infineon.com/jobs



- **Excellent communication skills** and ability to work well with team members.

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

- **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.

#LI-MA1

