



Staff Custom-analog ASIC Layout Engineer

Job description

We are looking for a Staff Custom-analog ASIC Layout Engineer who has skilled in Cadence, Process Technology like TSMC , UMC, SiGe, Cerminc Substrates, IC layout, analog and digital =mixed signal. Apply Now!!

In your new role you will:

- Perform **Chip assembly and tapeout activities.**
- Perform full-customer/semi-custom/automated layout activities.
- Perform all physical verification activities such as **DRC, LVS, ERC, etc.**
- Perform extraction activities.
- Perform documentation activities such as **signoff checklist, archiving databases, etc**
- Work with other outside groups such as **Packaging, Design, Test, etc.**

Profile

You are best equipped for this task if you have:

- 3+ years of mixed-signal/analog layout experience both at the block level and chip assembly level; especially analog sensitive techniques such as shielding, centroid, dummies, etc
- Good understanding of **wafer fabrication** and various technologies
- Experience in running and **debugging DRC, LVS, ERC, etc.** to generate a violation-clean database
- Cadence and **Calibre toolset** is preferred
- Additional physical analysis and automation skillset is a plus

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** –

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At a glance

Location:	Andover, MA (United States)
Job ID:	350576
Start date:	Aug 22, 2022
Entry level:	3-5 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: **350576**
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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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