



Product Engineer - Power IC Product Development

Job description

Infineon Americas is looking for exceptional candidates to join our product development team to oversee products through the post-design to production release point as R&D product engineers – where data analysis skills and product and process knowledge drive continuous improvement in streamlining the product development process. You will be part of Infineon's R&D New Product Introduction (NPI) team, developing innovative products for the Power & Sensor Systems (PSS) business segment. If you have in-depth knowledge of power electronic products and processes and thrive on resolving technical issues with customers then we have a good opportunity for you!

Our **Integrated Circuit (IC) design team** develops **Power Management** products for **Hyperscale server farms, high-end computing, telecom and datacom, automotive, and emerging AI platforms**. We also develop products for the rapidly expanding **Audio IC** applications space. We have design centers on both the east coast (Andover, MA & Warwick, RI) and west coast (El Segundo, CA), and we continue to grow this team to meet increasing market opportunities. If you are a **team player** with talent, **good communication skills**, a “**can-do**” attitude, and want to be part of a team where that is the secret sauce for success, then you would be a great fit for our organization, and we encourage you to apply.

We are looking for exceptional candidates to join our product development team to oversee products through the post-design to production release point as **R&D product engineers** – where data analysis skills and product and process knowledge drive continuous improvement in streamlining the product development process.

We are open to hiring at all levels of experience and have a large enough team to efficiently integrate talented engineers and shape the position as needed.

Looking forward to meeting you soon!
Infineon Americas Design Team

In your new role you will:

- Work closely with the engineering design team to **solve yield and quality problems**, pre and post-production
- Interface with internal and external customers to **resolve technical issues** requiring in-depth product knowledge
- Focal point for front and back-end process issues, lot dispositions, and low yield investigation
- **Drive design for test and manufacturability**, and quality improvement through **PPM reduction**
- Drive **corner lot planning** including characterization and qualification testing

At a glance

Location: **Andover, MA (United States)**
Job ID: **55508**
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: **55508**
www.infineon.com/jobs



- Drive **wafer acceptance test (WAT)** to final test specification alignment
- Monitor new product design reliability testing, perform **interval shift analysis**
- Travel up to 25% (domestic and International)

Profile

You are best equipped for this task if you have:

- Bachelor or Master of Science degree in **Electrical, Electronics or Computer Engineering**, or similar discipline
- In-depth knowledge of **power electronic products** and processes
- Fundamental understanding of **product design** implementation
- Knowledge of **silicon device fabrication process**, including final electrical testing and their impact on power device performance
- Understanding of **semiconductor material properties** and their influence on semiconductor device behavior
- Ability to understand applications conditions, and how that may conflict with product performance parameters
- Experience with **Mentor/Galaxy Examiner** and **JMP data analysis tools** is strongly desired
- Excellent interpersonal, verbal, and written communication skills
- Ability to demonstrate great attention to detail
- Are a proven self-starter

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.

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.

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 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.

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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