



## System Application Engineer

### Job description

As a System Application Engineer, you will develop system solutions for AC/DC Switching Mode Power Supplies (SMPS) for consumer, computing, data center, and industrial applications. Sound interesting, apply today!

#### In your new role you will:

- **Develop system solutions for AC/DC Switching Mode Power Supplies(SMPS) for consumer, computing, data center, and industrial applications**
- Perform detailed circuit analysis with simulation and bench validation
- **Generate reference schematics, BOM, and test reports for customers**
- Write detailed system validation plan and perform the tests for power supply reference boards
- Write application notes for system power solutions and technical papers
- **Develop simulation models and design assistance tools such as Excel spreadsheet or Mathcad tools**
- Develop technical training documents and perform training/seminars for FAEs and customers
- **Support FAEs and customers to solve technical issues**

### Profile

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

- **BA - M.S. in EE with 5+ years of experience in embedded software design for power converters and power amplifiers**
- **Deep knowledge of power converters and hands-on design experiences in AC/DC power supply design**
- **E xperiences in system-level modeling and simulation for power converters**
- Experiences in transformer design and close loop compensation design
- Experiences in design for EMC/EMI of power converters
- **Good communication skills and presentation skills**
- Self-motivated with high-level of self-discipline and a can-do attitude

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

### At a glance

Location:	<b>Morrisville, NC (United States), San Jose, CA (United States)</b>
Job ID:	<b>341832</b>
Start date:	<b>as soon as possible</b>
Entry level:	<b>5+ years</b>
Type:	<b>Full time</b>
Contract:	<b>Permanent</b>

Apply to this position online by following the URL and entering the Job ID in our job search:

Job ID: **341832**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)



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

- **Morrisville, NC:** Coaching, mentoring networking possibilities; Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Flexible working conditions; Health Benefits; Health promotion programs; 401K; Performance bonus; Accessibility, access for wheelchairs
- **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

**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 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-SM1

