



## Principal Engineer Applications

### Job description

You will have the opportunity to make use of your deep technical knowledge in the fields of high power circuit topologies, thermal design, power semiconductors (IGBTs, Silicon and Silicon Carbide diodes and MOSFETs, thyristors and Gate Drivers), board layout, simulation and trouble shooting. Focus Applications are Industrial Automation (motor drives), Commercial and Agricultural Vehicles, Energy Storage, Wind, UPS and EV Chargers. Join our team today! This position is 100% remote, WFH.

#### In your new role you will:

- Support Field Application Engineers, Sales and Marketing to secure design-in / win on application level
- Support G2M activities and develop as needed demos / reference design, software and ecosystem partners within the region
- Provide 2nd level technical customer support for selected focus applications and related Infineon solution offerings
- **Provide technical application** and system training in the region to internal / external partners
- **Provide structured application requirements** and regional use cases for global focus applications

### Profile

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

- A degree in Electrical Engineering, Mechanical Engineering, Physics or equivalent.
- At least 6 years of professional experience as an (Field) Application Engineer or Design Engineer in the area of power electronics hardware design.
- Experience in the selection of IGBT , **SiC MOSFET**, **SiC diode** , Si diode and thyristor (62mm, Easy, Econo, PrimePACK, Pressure Contact etc) modules based on application requirements, gate drive design, board layout, circuit including thermal simulation, and trouble shooting
- Practical experience in the lab
- Experience with EMI, mechanical module mounting and system control strategies
- Project Management skills
- Good communication skills with English fluency.

[Click here](#)

for more information about working at IPC with interesting employee and management insights and an overview with more #IPCDreamJobs.

### At a glance

Location:

Job ID: **347457**

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: **347457**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)



# 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.

