

# Driving decarbonization and digitalization. Together.



## Product Application Engineer - Power Electronics

### Job description

We are currently seeking a Product Application Engineer with power electronics industry experience to join our dynamic and experienced team with technical knowledge to the next level in our mission of excellence. If interested apply today!

#### In your new role you will:

- Collecting **inputs from the market and translating them into actionable insights** to guide the development of new and existing products. You will have a deep understanding of **power electronics and the ability to identify trends and customer problems** that can be addressed through unique solutions
- Defining the optimal system value proposition for our products, leveraging your knowledge of different applications such as **Solar, EVC, ESS, SMPS, and motor drives**
- Shaping the idea pipeline by using your internal and external network and selecting the most promising ideas for further incubation. You will be responsible for translating **system limitations and customer problems into innovative system level solutions, making decisions on architecture tradeoffs**, defining quantifiable technical value propositions, and creating collaterals for customer storytelling
- Leading technical discussions with customers and **collecting feedback to coordinate with Infineon's global technical community**. You will be responsible for providing 3rd level technical customer support by performing detailed circuit analysis with modelling, simulation, and bench validation to replicate the issue, identify root cause and provide a solution
- Promoting **IFX's power switches, visiting customers, and ensuring design-wins**. You will be interfacing globally with different departments such as other marketing functions, R&D, application marketing, and leading technical discussions on power switches and application

### Profile

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

- A university degree in **Electrical Engineering, Physics or comparable**
- At least **7 years of working experience in related industries**
- Ideally experience in **power electronics industry**
- Deep understanding of **IGBTs, Power MOSFETs and their usage**
- **P CB design and layout experience** as well as experience with electrical simulation tools (e.g. **Simetrix, PLECS, ...**)
- Fluency in English

### At a glance

Location:	<b>Morrisville, NC (United States)</b>
Job ID:	<b>HRC0599052-2</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. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0599052-2**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)



## – Green Industrial Power (GIP) empowers a world of unlimited green energy –

The **GIP division** delivers leading semiconductor solutions for the smart, green, and efficient conversion of electrical energy, covering all steps in the energy chain from generation through transmission to storage and consumption. Its broad range of applications spans renewable energies, electric vehicle charging, industrial power supplies, trains, electric commercial vehicles, and home appliances.

The GIP product portfolio encompasses IGBT power transistors and the driver ICs that control them, flanked by an expanding lineup of solutions based on SiC. Its growing analytics, service, and software offering complements this wide spectrum – reaching beyond products to create additional value for customers. Infineon is the global number one in power semiconductors and – with the broadest portfolio of SiC solutions for industrial applications – GIP is leading the transition to wide-bandgap technologies. GIP solutions handle energy more intelligently and efficiently – driving decarbonization for a better tomorrow.

[Click here](#) for more information about working at GIP with interesting employee and management insights and an overview with more #GIPDreamJobs.

## Benefits

- **Morrisville, NC:** Möglichkeit für Coaching, Mentoring & Netzwerken; Trainingsangebot & strukturierte Entwicklungsplanung; Möglichkeit zur internationalen Entsendung; Verschiedene Karrierepfade: Project Management, Technical Ladder, Management & Individual Contributor; Flexible Arbeitszeit: Vertrauensgleitzeit; Gesundheitsleistungen; Gesundheits- & Vorsorgeprogramme; Arbeitgeberfinanzierte betriebliche Altersvorsorge; Erfolgsbonus; Barrierefreiheit

## Why Us

Infineon designs, develops, manufactures, and markets a broad range of semiconductors and semiconductor-based solutions, focusing on key markets in the automotive, industrial, and consumer sectors. Its products range from standard components to special components for digital, analog, and mixed-signal applications to customer-specific solutions together with the appropriate software.

### **We are on a journey to create the best Infineon for everyone.**

This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant´s experience and skills.

We look forward to receiving your resume, even if you do not entirely meet all the requirements of the job posting.

Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.

[Click here](#) for more information about Diversity & Inclusion at Infineon.

### **Driving decarbonization and digitalization. Together.**

*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.*

*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.*

**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-PB1

