

# Driving decarbonization and digitalization. Together.



## Automotive High Power Application Engineer

### Job description

Infiniteon Korea is looking forward to working with an experienced talent in the Automotive High Power Centre at Seoul office.

In your new role you will:

- Application engineering support for xEV traction inverters from design-in step to production ramp-up
- Generate target specifications & draft designs for power semiconductors based on customer's requirements, and develop products with HQ teams
- Participate in product definition and product roadmap development
- New device evaluation & pre-characterization
- Power loss and lifetime simulation
- Support device failure analysis

### Profile

You are best equipped for this task if you have:

- 10+ years of experience, with at least 5 years of hands-on experience in power semiconductor tech/product/process development and/or application engineering, especially for IGBTs, SiC MOSFETs and Power Modules
- Must have adequate level of English language proficiency for technical discussion
- Bachelor's degree or above in Electrical Engineering, Electronics or Physics
- Proficient in Spice or equivalent simulation tools
- Hands-on experience with bench test equipment such as power supply, oscilloscope, function generator and curve tracer
- Computer literacy in MS Office (PowerPoint, Excel, and Word)

### Benefits

- **Seoul:** Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Flexible working conditions; Home office options; Part-time work possible (also during parental leave); Medical Coverage; Health promotion programs; On-site canteen; Wage payment in case of sick leave; Corporate pension benefits; Performance bonus

### At a glance

Location:

Job ID: **HRC0754445**

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: **HRC0754445**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)



# Why Us

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

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.

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.

