

# Driving decarbonization and digitalization. Together.



## Senior Engineer Product Engineering

### Job description

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
- Drive wafer acceptance test (WAT) to final test specification alignment
- Monitor new product design reliability testing, perform interval shift analysis
- Some overseas travel may be required for training, product transfers and release.

### Profile

You are best equipped for this task if you have:

- BSEE, with more than six years experience dealing with yield and product engineering related to Power ICs and Power devices
- In depth knowledge of power electronic products and processes
- Fundamental understanding of product design implementation
- Knowledge of silicon device fabrication process, including fin 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
- Proven self-starter

### At a glance

Location:

Job ID: **HRC0923370**

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: **HRC0923370**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)

### Why Us



**#WeAreIn for driving decarbonization and digitalization.**

As a global leader in semiconductor solutions in power systems and IoT, Infineon enables game-changing solutions for green and efficient energy, clean and safe mobility, as well as smart and secure IoT. Together, we drive innovation and customer success, while caring for our people and empowering them to reach ambitious goals. Be a part of making life easier, safer and greener.

**Are you in?**

**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.

