

# Driving decarbonization and digitalization. Together.



## Assistant Engineer Failure Analysis

### Job description

In your new role you will:

- Prepare specimens for optical, cross-section and Scanning Electron Microscope [SEM] examination (XSEM job).
- Use the Scanning Electron Microscope [SEM] to collect images and make measurements (IFKM & IFX Construction Analysis job).
- Perform cross-section analysis using mechanical polishing, FIB, Laser preparation, Ion Miller and etc.
- Must be willing to work on 12hours rotating shift.
- Carry out routine chemical analysis and other analysis.
- Perform TEM lamella preparation.
- Compliance lab instruction, VA and APA.
- Effective pass down to next shift personnel.
- Adhere to Environmental, Safety and ESD compliance regulations.
- Ability to interface effectively with employees and laboratory customers.
- Work closely with peers and supervisor in undertaking the respective task
- Accurate data measurement.
- Safe chemical handling.
- Semiconductor processing, fabrication and testing.
- FoK Imaging, i.e. optical and SEM.

### Profile

You are best equipped for this task if you have:

- Diploma Electrical Engineering, Chemistry, Material Science or any science discipline
- >5 years of experience in semiconductor or failure analysis field.
- Failure Analysis Field of Knowledge: Sample preparation, i.e. mechanical polishing, precision cleaving and wet chemical.

### Benefits

- **Kulim:** Coaching, mentoring networking possibilities; Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual

### At a glance

Location:

Job ID: **HRC0748059**

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: **HRC0748059**  
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Contributor; Flexible working conditions; Holiday child care; Medical coverage; On-site social counselling and works doctor; Health promotion programs; On-site gym, jogging paths, beachvolleyball, tennis & soccer court; On-site canteen; Private insurance offers; Flexible transition into retirement

## 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.

