

# Driving decarbonization and digitalization. Together.



## Senior Staff Engineer Failure Analysis

### Job description

In your new role you will:

- Provide TEM/STEM EDX analysis with report based on job requirements by requestors.
- Be the second TEM tool owner and take ownership on the maintenance of the tool and able to solve technical problems with the equipment or software.
- Presentation on the findings and root causes of defects to requestors
- Scrutinizing TEM related jobs and negotiation on the request.
- Has a sound knowledge of specimen preparation methods, such as ion milling or focused ion beam (FIB).
- Provide high resolution Transmission Electron Microscopy images with accurate measurements.
- Comply with the requirements to meet the satisfaction of requestors

### Profile

You are best equipped for this task if you have:

- Bachelor / Master / PhD Degree in Mechanical / Material science / Electrical / Electronic / Mechatronics disciplines or relevant qualifications are required.
- 3-5 years of experience in microscopy techniques specifically in Transmission Electron Microscope, FIB-SEM, EDX or relevant.
- Good knowledge on failure analysis methodology
- Good analytical minds in technical problem solving and inspiration for all possible solutions
- A strong analytical mindset with systematic problem-solving techniques

### At a glance

Location:

Job ID: **HRC0758127**

Start date: **May 20, 2024**

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: **HRC0758127**  
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- A high level of self motivation, result focus and ability to work under high dynamic situation.
- Excellent communication with negotiation skills, and good team player
- The following experience/knowledge is advantageous, but not a prerequisite: SEM, EDX, Ion Miller and TEM lamella preparation using FIB

## 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 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
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## 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.

