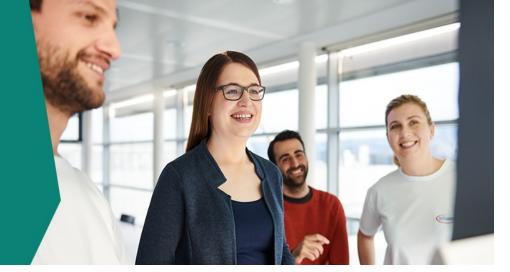
# Driving decarbonization and digitalization. Together.



# 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

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# Job ID: HRC0758127

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- A high level of self motivation, result focus and ability to work underhigh 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.

