

# Driving decarbonization and digitalization. Together.



## Senior Staff Engineer Failure Analysis

### Job description

In your new role you will:

- Provide FIB EDX analysis with report based on job requirements by requestors.
- Be the FIB 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
- Prepare lamella for TEM analysis and circuit edit using FIB
- Scrutinizing FIB related jobs and negotiation on the request.
- Provide high quality FIB 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 cross section milling and imaging specifically FIB-SEM, EDX or relevant
- Lamella preparation for Transmission Electron Microscope (TEM) and Circuit Edit using FIB will be an added advantage
- 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: **Kulim (Malaysia)**  
Job ID: **HRC0758194**  
Start date: **May 20, 2024**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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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: TEM, SEM, EDX and Ion Miller

## 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

## 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.

