

# Driving decarbonization and digitalization. Together.



## Senior Staff Engineer Failure Analysis

### Job description

In your new role you will:

- Mentor role and responsible for Physical Failure Analysis (PFA)
- Identify problems or unfavorable deviations, recommend and execute /implement corrective/improvement actions which enhance the quality, reliability or cost effectiveness in the area of responsibility
- Provides technical guidance in multiple Fields of Knowledge to Engineers, Assistant engineers and lab technicians pertaining to defect analysis
- Perform physical analysis on components and module from production and customer returned failures and feedback the analysis findings to customers (external & internal) in the form of reports and photographs
- Demonstrate medium - high of mental, analytical skills and problem solving. Ability to evaluate the problems and provide the solution. Provide on job training for junior engineers
- Continuous develop FA techniques/preparation methods/imaging for new requirements to support FE & BE manufacturing need and contribute to upgrade the FA lab as center of Competent
- Owner of tools assigned by management, Process Owner of Material Characterization and Development
- Business Process Owned, i.e. Construction Analysis business owner, ICO/FAR /Task Force
- Carry out PFA specialist job scope:
  - a. SEM/EDX, Analytical Service, AES, etc
  - b. Wafer and package sample preparation inclusive embedded cross-section, chemical delayering
- Special project ,Contributor for Best Practice Sharing in IFX user group meeting, New tool investment
- Manage the job loading of her/his field of expertise

### At a glance

Location: **Kulim (Malaysia)**  
Job ID: **HRC0739467**  
Start date: **Jun 03, 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: **HRC0739467**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)



- Responsible for KPI assigned
- Compliance to lab instruction, VA, APA and SOP, safe chemical handling. Adhere to Environmental, Safety and ESD compliance regulations
- Ensure 5S in place while in the office and FA lab
- Makes use of big data analytics and artificial intelligence (AI) tools

## Profile

You are best equipped for this task if you have:

- Ph.D/Master/Degree holder in Electrical/Electronics Engineering or Applied Science with major in Physics/Chemistry/Material Science
- 6+ years of experience in semiconductor or failure analysis field

## Benefits

- **Kulim:** Möglichkeit für Coaching, Mentoring & Netzwerken; Trainingsangebot & strukturierte Entwicklungsplanung; Möglichkeit zur internationalen Entsendung; Verschiedene Karrierepfade: Project Management, Technical Ladder, Management & Individual Contributor; Flexible Arbeitszeit: Vertrauensgleitzeit; Ferienbetreuung; Medizinische Absicherung; Sozialberatung & Betriebsarzt; Gesundheits- & Vorsorgeprogramme; Fitness-Studio und Außensportanlagen mit Beachvolleyball, Tennis, Fußball und Laufparcours; Kantine; Versicherungsangebot zu attraktiven Konditionen; Offenheit für flexiblen Übergang in die Altersrente

## 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.

