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:
Job ID: **HRC0739467**
Start date: **Jun 03, 2024**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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Job ID: **HRC0739467**
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- 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:** 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.