



Senior Engineer Physical Failure Analysis

Job description

In your new role you will:

- Carry out PFA generalist job, i.e. XSEM, Construction Analysis, Chemical & other.
- Carry out PFA specialist job scope, i.e. SEM/EDX, FIB, Analytical Service, SRP, AFM /SCM, AES, TEM (level 1), etc
- Carry out PFA package analysis including XRAY, CSAM, Laser and Acid Decapsulation, embedded cross-section, delayering, etc.
- Manage the job loading and supervise shift members.
- Business Process Owned, i.e. Construction Analysis business owner, ICO/MRB /FAR.
- Tool Owner (any PFA tool).
- KPIs and projects.
- Adhere to Environmental, Safety and code compliance regulations

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
- 2+ years of experience in semiconductor or failure analysis field
- Good knowledge on failure analysis methodology
- Good analytical minds in technical problem solving and inspiration for all possible solutions
- Good communication skills with internal and external group of personnel
- Strive for excellence and focus on the customer mindset and behavior
- Experienced in Semiconductor or PCBA manufacturing process
- The following experience/knowledge is advantageous, but not a prerequisite: SEM, EDX, FIB, TEM, AFM, FTIR, XPS, XRAY, CSAM, Ion Miller, delayering and decapsulation techniques
- Those working in industry in different field, but would like to switch to failure analysis will be considered.

At a glance

Location: **Kulim**
Job ID: **310975**
Start date: **Feb 01, 2021**
Entry level: **1-3 years**
Type: **Full time**
Contract: **Permanent**

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