

Driving decarbonization and digitalization. Together.



Senior Staff Engineer Development Die Attach

Job description

Identify and develop new processes for product/package, and putting in place process controls to make sure the products/packages are of a high quality and are manufactured in a reproducible manner

In your new role you will:

- Perform Process development activities (Process parameters scouting, optimization, verification and Process Freeze) in Development projects to meet the project targets in terms of timeline, quality, cost competitiveness and manufacturability.
- Responsible for technical handshake and knowledge transfer to Operation.
- Support prototype and development samples build.
- Generate and update relevant documents, e.g. Process Specification, PFMEA, DFMEA, OJTI, T32, PDR.
- Provide inputs for updating of related documents and is responsible for their correct contents, e.g. Process of Record, Assembly Design Rule, Process Roadmap, Failure catalog, Control Plan, Maintenance checklist, etc. for development projects.
- Liaise with suppliers for continuous improvement and implement verification and qualification activities for new tooling, machines and materials in Development projects.
- Technical lead for task force and complex problem solving team using Statistical and analytical tools, e.g. SPC, APC, DOE, 8D, FMEA, DFMEA, etc.
- Identify and develop new Process technology and improve Process capability to meet new requirements from Business divisions.
- Support the definition of Process technology, material, machine and tooling.
- Provide technical guidance to other engineers and project team.
- Initiating, generating and drive (P) IP ideas based on reading and research

Profile

You are best equipped for this task if you have:

- Masters/Bachelor's Degree in Engineering or relevant course.
- Minimum 8 years working experience in semiconductor manufacturing industry.
- Strong hands-on knowledge and skills in assembly area.
- Analytical and problem solving skills.
- Material science and chemical engineering know how.

At a glance

Location: **Melaka (Malaysia)**
Job ID: **HRC0773752**
Start date: **May 20, 2024**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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- Analytical equipment knowledge.
- Statistical data analysis including design of experiment.

Benefits

- **Melaka:** Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Exempt working hours are flexible within core hours (9am-12pm & 2pm- 5.15pm); Home office options for certain tasks or due to personal circumstances. Applicable to exempt employees working on office hours only.; Part-time work possible for exempt employees only.; Exempt staff could apply up to 3-month sabbatical leave, subject to business situation; Medical coverage; In-house clinic operates 24 hours, doctor consultation possible from 9am to 5pm.; Health promotion programs; Social Recreation Center with facilities, such as gym room, squash, badminton and netball court, zumba and yoga classes, etc.; On-site Cafeteria; Paid sick leave according to law; Additional 3% to Employee Provident Fund after 10 years service with Infineon Malacca.; Re-employment opportunities; Productivity incentive bonus; Bus service for shift employees ; Allocated carpark for disabled and pregnant employees

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.

