

Driving decarbonization and digitalization. Together.



Senior Staff Engineer Thinning Process

Job description

In your new role you will:

- Perform process engineering and production support in one selected assigned area of semiconductor process.
- Work as a team between Manufacturing / Maintenances / UPE / LBS / Technology / Quality to resolve production and quality issues and reduce production line disruptions.
- Support tools installations as well as process & technology transfers to meet company targets, following standard process & tool release business flow
- Perform FMEA, risk assessment of process changes, with proper process change management
- Ensure the robustness of processes with Advance Process Control (APC), Statistical Process Control (SPC) and other process control tools.
- Manage recipe and procedural control. Develop and maintain process operation specifications as well as Out of Control Action Plan (OCAP)
- Initiate, coordinate and support excursion prevention, cost reduction and quality improvement projects.
- Prepare Standard Operation Procedure (SOP), Out of Control Plan (OCAP) and others technical documentation for production.
- Actively involves in cost saving, production cycle time improvement and continuous scraps improvement program in wafers thinning.

Profile

You are best equipped for this task if you have:

- Bachelor / Master / PhD degree in Engineering in Mechanical / Electrical / Mechatronics / Microelectronics / Physics disciplines or relevant qualifications are required.
- At least 5 years working and hands-on experience in wafer fab thinning / back grinding / mounting / defect density processes, and related equipment engineering.
- Experience and have good methodical technique in technology synchronization and process harmonization.
- Good knowledge in semiconductor unit processes, process integration, device physics and products will be of added advantage.
- Good hands-on experience on wafer fabrication processes, equipment and metrology.
- Technology and or product transfer, qualification and high volume ramp-up know-how.
- Highly innovative, motivated and stress resistant individual with zero defect mindset
- A good team player and able to communicate effectively in cross functional teams and at all levels.

At a glance

Location: **Kulim (Malaysia)**
Job ID: **HRC0762335**
Start date: **Jul 01, 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: **HRC0762335**
www.infineon.com/jobs



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.

