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:	
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.