

Driving decarbonization and digitalization. Together.



Staff Engineer Process Development

Job description

In your new role you will:

- Perform process transfer, process development, optimization and qualification for technology transfer and/or used tool transfer
- Development of innovative processes and process characterization methodologies for existing and new technologies.
- Partnering with production module/department, technology integration, planning, business divisions and global process development counterparts in mapping and enabling future technologies.
- Perform process stability, sustaining and improvement to meet overall company targets
- Perform integration block re-use and tool extensibility to maximizer-use strategy
- Perform FMEA, risk assessment of process changes and process change management
- Initiate, coordinate and support excursion prevention, productivity and quality improvement projects
- Interface between production module/department, technology integration & quality engineering on daily routines

Profile

You are best equipped for this task if you have:

- Bachelor/Master/PhD degree in Chemical Engineering, Mechanical Engineering, Mechatronics Engineering, Material Science or Applied Science, Manufacturing Engineering and related Engineering field.
- 3-5 years working and hands-on experience in wafer fab wet cleaning, etching /substrate thinning/preassembly processes (Wet bench, spray acid tool, spray solvent tool, single wafer spin etch/clean tool, grinding, tape & de tape, mounting & demounting, glass carrier systems, dicing, frame mounting, separation), 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

At a glance

Location: **Kulim (Malaysia)**
Job ID: **HRC0644596**
Start date: **as soon as possible**
Entry level: **3-5 years**
Type: **Full time**
Contract: **Permanent**

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Job ID: **HRC0644596**
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- 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.

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.

