

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.

