

Driving decarbonization and digitalization. Together.



Senior 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 maximize-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 Engineering, Material Science or Applied Science.
- At least 8 years working and hands-on experience in wafer fab plasma etching 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.
- Knowledge in the field of statistical methods (e.g. SPC, DoE, MSA), data analysis & corresponding software.

At a glance

Location:

Job ID: **HRC0773301**

Start date: **as soon as possible**

Entry level: **5+ years**

Type: **Full time**

Contract: **Permanent**

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Job ID: **HRC0773301**
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- 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.

