



## Lithography / Plasma Etch Senior Process Development Engineer

### Job description

Partnering with production module/department, technology integration, planning, business divisions and global process development counterparts in mapping and enabling future technologies

In your new role you will:

- Perform process transfer, process development, optimization and qualification for technology transfer/ development.
- Perform new equipment start-up which involves process characterization and development.
- 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 extendibility to maximize re-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, Physics, Chemical, Material Science or Applied Science.
- At least 3-5 years working and hands-on experience in wafer fab Plasma Etch or Litho processes, and related equipment engineering.
- Experience and have good methodical technique in technology synchronization, process optimization and 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 mind-set.
- 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: **327575**  
Start date: **as soon as possible**  
Entry level: **3-5 years**  
Type: **Full time**  
Contract: **Permanent**

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## 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

**Part of your life. Part of tomorrow.**

We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future. Efficient use of energy, environmentally-friendly mobility and security in a connected world – we solve some of the most critical challenges that our society faces while taking a conscientious approach to the use of natural resources.

