



Senior Engineer Process Development

Job description

Lead process transfer, process development, optimization, and qualification for technology transfer and/or used tool transfer.

In your new role you will:

- Lead 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.
- Lead technology-to-process road mapping, tools, and process road mapping.
- 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
- The 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/Ph.D. degree in Engineering, Material Science or Applied Science
- At least 3 years working and hands-on experience in wafer fab processes, and related equipment engineering.
- Experience and have a 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

At a glance

Location: **Kulim (Malaysia)**
Job ID: **335719**
Start date: **as soon as possible**
Entry level: **3-5 years**
Type: **Full time**
Contract: **Permanent**

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- Good hands-on experience on wafer fabrication processes, equipment, and metrology
- Technology and or product transfer, qualification, and high volume ramp-up know-how
- A 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

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.

