



Engineer Process Development Pre-Assembly (Unit Process Development)

Job description

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

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 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, Mechanical / Mechatronics / Material Science / Applied Science.
- Fresh graduate / with working and hands-on experience in wafer fab substrate Pre-assembly processes (Wafer Mounting, Mechanical Dicing, Laser Dicing, Auto-inspection), 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.

At a glance

Location: **Kulim (Malaysia)**
Job ID: **335011**
Start date: **as soon as possible**
Entry level: **0-1 year**
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.
- 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.

