



## Senior Engineer Process (defect density)

### Job description

Responsible for automated defect inspection set-up, qualification, and sustaining to achieve good inspection stability and high yield.

In your new role you will:

- Responsible for automated defect inspection set-up, qualification, and sustaining to achieve good inspection stability and high yield.
- Responsible for quality and process deviation/ issue troubleshooting.
- Provide technical support for new technology transfer and process release requirements.
- Actively involve in defect reduction, cost-saving, production cycle time improvement, and continuous defect density improvement program.
- Prepare Standard Operation Procedure (SOP), Out of Control Plan(OCAP), and other technical documentation for production.

### Profile

You are best equipped for this task if you have:

- Master's or Degree in Engineering/ Material Science/ Physics disciplines or relevant qualifications is required.
- Experience in automated defect inspection in the wafer fabrication industry will be added advantage.
- A candidate who is familiar with failure modes and effects analysis (FMEA), Eight Disciplines of Problem Solving Process (8D), Statistical process control (SPC), Design of Experiment (DOE) methodologies.
- Good analytical skills and data analysis with statistical methods.
- Strong communication and written skills in English.
- Self-motivated and team player.
- Innovative and work independently to drive technical projects.
- 3-5 years of working experience in the semiconductor/electronics manufacturing industry.
- Fresh graduates are welcome to apply as well.

### Benefits

### At a glance

Location: **Kulim (Malaysia)**  
Job ID: **337908**  
Start date: **as soon as possible**  
Entry level: **3-5 years**  
Type: **Full time**  
Contract: **Permanent**

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- **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.

