



Staff Engineer Technology Development

Job description

Develop leading-edge wafer technology, define new devices and technology architectures based on customers and company needs.

In your new role you will:

- Develop leading-edge wafer technology, define new devices and technology architectures based on customers and company needs.
- Develop methodologies for continue process/device improvement and reliability verification.
- Work with cross-functional international teams to certify processes and qualify new products
- Plan, coordinate, and analyze process experiments to derive necessary process optimization
- Manage and coordinate development activities with manufacturing to resolve process and materials issues.
- Ensure fast and secure development lot delivery within the project timeline
- Support the production team in the ramp-up phase of new technologies
- Ensure process stability and quality across the complete production flow
- Respond to customers' technical queries
- Take a leading role and ownership in a creative way and create IPs when possible

Profile

You are best equipped for this task if you have:

- Bachelor/Master/PhD Degree in Electrical/Electronics/Physics/Material Science /Chemistry
- Minimum 3-5 Years of working experience in the Semiconductor industry preferred, BE experience is accepted with the higher number of years of experience
- A strong background in semiconductor physics and experience with Microelectromechanical Systems (MEMS) would be highly appreciated.
- Familiar with advanced statistical analysis tools.
- Ability to resolve problems efficiently and effectively.
- Excellent communication and negotiation skills.
- Good team player.

At a glance

Location: **Kulim (Malaysia)**
Job ID: **342078**
Start date: **as soon as possible**
Entry level: **3-5 years**
Type: **Full time**
Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search:

Job ID: **342078**
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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.

