



Staff Engineer Technology Development (Technology & Process)

Job description

Development of freewheeling diode technologies on 200mm wafers for automotive applications.

In your new role you will:

- Development of freewheeling diode technologies on 200mm wafers for automotive applications.
- Work in a project team with team members from European sites.
- Plan, design, perform and evaluate process experiments (including DoEs).
- Be responsible for the definition of unit process requirements.
- Coordinate frontend processing of development lots (including generation of split plans, trial routes, etc.).
- Be responsible for the process flow definition (process of records) and the implementation of new technology concepts in production.
- Develop new process control structures and test structures for electrical characterization.
- Coordinate physical analyses.
- Be responsible for the analysis of electrical test data.
- Conduct active technical risk management.
- Create intellectual property.
- Be responsible for project management subtasks.

Profile

You are best equipped for this task if you have:

- A university degree (Master or above) in Physics, Electrical Engineering or comparable.
- 3+ years of experience in FE related semiconductor industry.
- Sound knowledge of semiconductor physics.
- Knowledge of power semiconductors as a plus.
- Experience in semiconductor technology development or process integration as a plus.

At a glance

Location:

Job ID: **339289**

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: **339289**
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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.

