



Senior Staff Engineer Backend of Line Wide Band-Gap

Job description

Area of Responsibility: Frontside and Backside Metallization and Passivation Concepts for Wide Band Gap Technologies in Development & Production

In your new role you will:

- Area of Responsibility: Frontside and Backside Metallization and Passivation Concepts for Wide Band Gap Technologies in Development & Production
- Keep process and material diversity under control by proposing specific technical solutions according to IFX strategy
- Intensive exchange and cooperation with other wafer-production and assembly sites to identify and implement the best technical solutions
- Provide technical knowledge to Development and Production organizations to characterize new technical concepts thoroughly wrt. stability and reliability
- Run specific pre-development projects to provide process solutions for future requirements
- Perform technical Know-how-exchange across organizations and sites
- Contribute to problem solving teams and define new process standards out of lessons learnt

Profile

You are best equipped for this task if you have:

- Hold a university degree (Master's or Ph.D.) in the area of materials science, physics, process engineering, or a related field of study
- Bring in more than 5 years of experience in the production or development of semiconductor processes, preferably in any of the fields of metallization, passivation & pre-assembly, and respective physical characterization methods.
- Experience in project management
- Strong analytical problem-solving skills
- Experience in statistical data analysis and design of experiments
- Willing to travel for global cooperation within IFX-organization high level of self-motivation

Benefits

At a glance

Location: **Kulim (Malaysia)**
Job ID: **349456**
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.

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

