



Principal Engineer Final Test

Job description

Develop qualification plan for Discrete (DS) new test cell technology - Characterize, qualify and implement of new test handling equipment, producing test handling specification and outline design with collaboration with equipment supplier

In your new role you will:

- Develop qualification plan for Discrete (DS) new test cell technology - Characterize, qualify and implement of new test handling equipment, producing test handling specification and outline design with collaboration with equipment supplier
- Provide test cell solution for DS new package and product with adaptation to the existing platform
- Source and benchmark new test handling solution in terms of quality, performance, time to market and cost
- DS New test Function request evaluation and document, familiar with the testing system design and development
- DS Test Cell buildup knowledge and experience, including of the tester and handler interface related
- To define test equipment roadmap/strategy with alignment to overall IFX test roadmap landscape

Profile

You are best equipped for this task if you have:

- Bachelor degree/master/PHD in Engineering (Electrical, Mechanical) or equivalent
- More than 5 years experience in semiconductor manufacturing
- Thorough understanding of semiconductor test equipment (handler and tester)
 - tester expertise such as Teradyne, accotest or any other suppliers
 - handler expertise such as Turret, Pick & Place, Gravity Feed
- Strong statistical analysis capabilities
- Good at written and oral English

Benefits

- **Wuxi** : Coaching, mentoring networking possibilities; Wide range of training offers & planning of career development; International assignments; Different

At a glance

Location: **Wuxi, (China)**
Job ID: **324541**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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career paths: Project Management, Technical Ladder, Management & Individual Contributor; Flexible working conditions; Medical coverage; On-site social counselling and works doctor, in Wuxi only.; Provision of health tips, health knowledge sharing, annual medical check; On-site canteen, in Wuxi only.; Wage payment in case of sick leave; Corporate pension benefits in some sites.; Performance bonus; Reduced price for public transport

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.

