



## Senior Engineer Final Test Technology

### Job description

As a Senior Engineer Final Test Technology - you will be responsible to develop and enable manufacturing capabilities for Semiconductor Back-End Final Testing

In your new role you will:

- Develop and enable manufacturing capabilities for **Semiconductor Back-End Final Testing**
- Package level final electrical testing, using the latest **Automated Test Equipment**, best in-class Test handling & contact designs
- Package quality inspection using state of the art vision equipment
- Concurrent implementation of **I4.0 Manufacturing methodologies**
- Qualification and release of **new Test Manufacturing solutions** (e.g. equipment software's & materials)
- **Drive new equipment benchmarking, capability development** and enabling of qualification process from project inception to full production release
- Troubleshoot production manufacturing line topics related to test equipment, test hardware using troubleshooting methodologies & tools
- Drive for the implementation of **test solutions to improve Overall Equipment Efficiency (OEE)**
- Drive and manage Innovation, Productivity & Quality improvement initiatives

### Profile

You are best equipped for this task if you have:

- Degree in Mechanical / Mechatronics / Electronics / Material Science
- **Min 3-5 years of experiences** in a Semiconductor Final Test Manufacturing environment
- Experience in handling **back-end Final Test Equipment** & related hardware platform in Semiconductor environment
- Advance troubleshooting of Final Test handling in **ATE platform (test handler and tester)**
- Skilled on 3D Mechanical design tools (for ie: **3D CAD, Solidworks, AutoDesk, Prof, Creo..etc**)
- Geometric dimensioning & tolerancing (**GD&T**) **knowledge in equipment & hardware design**
- **Technical simulation, data analytics** software skills, knowledge in programming language (**LABView, C++, R, Python**)

### At a glance

Location:

Job ID: **354107**

Start date: **as soon as possible**

Entry level: **3-5 years**

Type: **Full time**

Contract: **Permanent**

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- Posses good communication skills with ability of making good technical presentation
- Pro-active attitude, flexible to handle multiple projects assigned in a fast pace environment
- Able to be systematic & process oriented in a fast and agile working environment
- Able to work effectively with a global & multi-cultural team, with a good influencing skill to achieve best-in class solutions

## Benefits

- **Singapore:** Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Staggered working hours for normal shift employees ; Home office options, certain conditions apply.; Part-time work possible (applicable for normal shift employees); On-site day-care center; Medical coverage; On-site social counselling and works doctor; Health promotion programs; On-site canteen; Private insurance offers; Paid sick leave according to law, personal accident & work injury insurance, long term illness leave; Retirement benefits, re-employment opportunities, employment assistance payment; Performance bonus; Provision of long haul transport for shift and shuttle services for office to defray transport costs

## 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.

*In accordance with the requirements set by the Singaporean Government, Infineon Technologies Asia Pacific Pte Ltd ("Infineon") can only allow individuals who are (a) fully vaccinated, (b) certified to be medically ineligible for a vaccine or (c) have recovered from COVID-19 within a prescribed period, onto company premises. Therefore, Infineon requires all new employees, as well as contractors and business partners, to be fully vaccinated against COVID-19. "Fully vaccinated" means individuals have completed the full regime of an approved COVID-19 Vaccine as listed under the World Health Organization (WHO) Emergency Use Listing (EUL) including the respective post-vaccination period to ensure the vaccine has become full effective. Anyone who is unable to be vaccinated due to an approved and/or recognised exemption condition may apply for special consideration.*

