



## Staff Engineer Product Test

### Job description

You will provide support for new product introduction and integration, being involved in test package verification, production release and test productivity activities.

In your new role you will:

- Support **new product introduction** and **integration** to **final test production** such M8 review, PCRb review.
- Setup and pro-actively review **product control & quality gate** (e.g. Yield, SBA) to ensure perfect quality firewall to our customers.
- Test **package verification** and production release, work pro-actively on product yield optimization and stability with daily use of analysis methods & tools.
- Support process (Frontend to Backend) evaluation & assessment with wafer fabs and assembly, final test organisation towards sustainable yield improvement.
- Execute and implement **test productivity** activities (test time reduction, retest reduction, test insertion removal, higher parallelism).
- Maverick lots (lots-on-hold) detection / handling, analysis, disposition & improvement against reoccurrence, address issues to Frontend / assembly
- Provide customer return verification support including implement containment & preventive actions.
- Proactive involved in Lot Rejection Rate/First pass and final **yield improvement plans and sustainability**.
- Drive for improvement via Digitalization mindset.
- Support to grow team technical competency systematically

### Profile

You are best equipped for this task if you have:

- Bachelor's Degree / Master's Degree in **Electrical & Electronic Engineering / Microelectronics**
- Minimum **5 years** of relevant experience in **semiconductor / electronics** industry which deal with **Product / Test Engineering**
- Solid understanding of **Testing ICs, semiconductor manufacturing, statistics and electrical test**.
- Experience in **data management, analysis and yield analysis** is a must.
- Candidates with experience in front-end, assembly or final test and experience with data analysis tools are highly welcome

### At a glance

Location:

Job ID: **339625**

Start date: **as soon as possible**

Entry level: **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: **339625**

[www.infineon.com/jobs](http://www.infineon.com/jobs)



# 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.

*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.*

