



Staff Engineer Product Test

Job description

Do you wish to work on some of the most advanced semiconductor products and develop your knowledge as well as personal skills? Do you want to ensure the performance and process-ability of products in the early development phase? As Staff Product Test Engineer, your main responsibilities entail providing support for new product introduction and integration, being involved in test package verification, production release and test productivity activities. Sounds like what you are interested to do? Apply NOW to find out more!

In your new role you will:

- **Support new product introduction and integration** to final test production such M8 review, PCRb review
- Setup and **proactively review product control & quality gate** (e.g. Yield, SBA) to **ensure perfect quality firewall** to our customers
- **Test package verification and production release**, work proactively on **product yield optimization and stability** with daily use of analysis methods & tools
- **Support Frontend & Backend process 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
- Involved in Lot Rejection Rate/First pass and final yield improvement plans and sustainability
- Drive for **improvement via Digitalization mindset** and 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**

At a glance

Location: **(Singapore)**
Job ID: **64074**
Start date: **Feb 01, 2022**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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- 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 - **JMP** are highly welcome

