



Senior Engineer - Product and Test Engineering

Job description

As the Product and 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. You will lead the automation and efficiency improvement project, and collaborate closely with cross functional teams.

In your new role you will:

- Be the **owner of production lots**, handle Maverick lots (lots-on-hold) detection / handling, analysis, disposition & improvement against re-occurrence, address issues to FE / assembly and Test package verification / release
- **Work closely with cross functional teams** for Test productivity improvement activities which include test time reduction, test insertion removal, higher parallelism
- Setup and pro-actively **review product control & quality gate** (e.g. Yield, SBA) to ensure perfect quality firewall to our customers
- Drive for **Yield and lot rejection rate improvement / stabilization** through root cause finding and prevention activities
- **Solve testing related issue** using data analytical thought to achieve innovative solution
- **Support process (Frontend to Backend) evaluation & assessment**, work proactively with wafer fab and assembly, whole final test organization towards **sustainable yield improvement**
- **Provide customer return verification support** including implement containment & preventive actions

Profile

You are best equipped for this task if you have:

- Master's Degree / Bachelor's Degree in Electrical & Electronic Engineering / Microelectronics
- **3-5 years** of proven relevant experience in **semiconductor / Electronics industry**
- Solid understanding of **ICs, semiconductor manufacturing, statistics and electrical test**
- Candidates with experience in **front-end, assembly or final test** and experience with **advance data analysis skills** are highly welcome
- Experience in **data management, analysis and yield analysis** is an advantage
- An **open-minded** personality and passion about working in **multi-functional environments**
- **Strong communication and interpersonal skills**, able to connect collaborate well with stakeholders

At a glance

Location: **Singapore**
Job ID: **39184**
Start date: **immediately**
Entry level: **Professionals / experienced**
Type: **Full time**
Contract: **Permanent**

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