



## Senior Staff Engineer Product

### Job description

#### Job Description:

- Perform in-depth electrical failure confirmation, failure duplication and fault isolation for both internal and external analysis samples.
- Work closely with Design, Product, Package, Process Engineering, and Manufacturing Operations with regards to investigations of customer quality related issues, and the development and implementation of test-related corrective actions pertaining to those issues.
- Perform unit-level characterization, data-collection and data-analysis on both the Automated Test Equipment (ATE) and bench instrumentations with the goal of derive conclusions related to failure analysis activities.
- Perform test program debugging and modification on Automated Test Equipment (ATE) in order to customize the appropriate test programs required for failure analysis activities.
- Provide timely reports and feedback to the both internal and external customer on the related failure analysis activities.
- Interface with product line to resolve product and test issues, with Assembly, Fab and vendor and with Failure Analysis lab to solve problems.
- Coordinate & interface with both internal and external customers on failure analysis and to drive resolutions to all problems during these processes to meet business objectives.
- Perform new electrical failure analysis equipment evaluation, buyoff and qualification.

### Profile

#### Job Specification:

- Bachelor/Masters Degree in Electronic/Electrical Engineering or Solid-State Physics
- Fundamental Product Development, Product Engineering or Test Engineering knowledge
- Test Program Development (Programming) skills for Automated Test Equipment such as Advantest, Verigy, Teradyne Ultraflex, Nextest
- Demonstrated abilities to operate lab equipment including, but not limited to oscilloscopes, logic analyzers and etc.
- Six Sigma problem-solving tools

### At a glance

Location: **Penang (Malaysia)**  
Job ID: **334535**  
Start date: **as soon as possible**  
Entry level: **3-5 years**  
Type: **Full time**  
Contract: **Permanent**

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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.

