



## Principal Engineer Product Test Engineering (Based in Ipoh)

### Job description

In your new role you will:

- Be responsible for mixed-signal and analog ICs NPI (New Product Introduction) test package integration.
- Perform test validation, improvement, qualification and release to production per corporate standards and procedures.
- Interact with test developers, review test data and assess test capability
- Identify root causes and resolve problems related to automated test equipment (ATE), handlers, load boards and contactors.
- Work with operations to identify and document test improvement opportunities
- Improve test software and hardware for optimized yield and thru-put
- Support introduction of new test platforms, infrastructures and test capability expansions
- Develop, implement test packages for ATE conversion projects
- Design and develop test hardware using Cadence Allegro tool

### Profile

You are best equipped for this task if you have:

- Bachelor of Science degree in Electrical or Electronics Engineering
- Minimum of 8 years of experience in production test solutions for mixed signal and analog ICs.
- Hands-on skills with ATE platforms such as Teradyne's ETS-364, ETS-88, J750 or FLEX and LTX-Credence's ASL1K
- Proven working experience in volume production environment
- Strong understanding of electronic engineering principles in areas including analog and digital circuits, power devices, and high speed signal integrity
- Experience in PCB schematic capture tools such as OrCAD / Cadence Allegro
- Sound test programming experience programming in C / C++ or VBasic
- Hands-on experience making bench electrical measurements using signal generators, oscilloscopes and spectrum analyzers
- Strong in data analysis and statistics
- Demonstrated skills in problem solving, communications and team working.

### At a glance

Location: **Melaka**  
Job ID: **320474**  
Start date: **immediately**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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- Willing to travel

