



## Staff Engineer Product Engineering

### Job description

In your new role you will:

- Assessment of yield performance, CpK and fail pareto for FE and BE electrical test as well as lot on hold (LOH) assessment and disposition.
- Continuous support on FE / BE production topics (low yield, FAR, Focus Team, etc.) and collaborate between cross-functional teams.
- Drive cost improvement projects / yield improvement / ratio (TIR, TTR).
- Innovate product engineering tools to automate data extraction, analysis and visualization of yield and product parameters or LOH.
- Actively participate in COP PRE or COP CV community and provide sharing with the worldwide PRODUCT community.
- Technical team lead and Subject Matter Expert (SME) where applicable.
- Develop & drive innovation on Product Development tasks, including statistical data analysis methods, ratio and cost-saving approaches.
- Demonstrate measurable impact on business line/functional area business value.
- Gives technical guidance & coaching on product engineering related topics and tasks.
- Demonstrates technical understanding, establishing reasonable impact in product engineering field via active knowledge transfer and best practice sharing together with the capability to solve complex problems.

### Profile

You are best equipped for this task if you have:

- Masters/Bachelor's Degree in Engineering (Electrical / Electronics /Physics / Microelectronics / Semiconductor Technology).
- More than 5 years of experience in Semiconductor Testing and familiar with Power & Mixed Signal Automated Test Equipment (ATE).
- Experience in lab bench measurement equipment (oscilloscope ,multimeter, function generator, source-meter).
- Experience with basic programming knowledge (e.g. Visual Basic, C++and/or LabVIEW).
- Knowledge of semiconductor product test/burn in flow, and ATE test concept.
- Proven ability to segregate yield detractor root causes by product design margin, fab excursion/ variation, test margin/ instability &operational inefficiency.

### At a glance

Location: **Melaka (Malaysia)**  
Job ID: **361936**  
Start date: **Aug 22, 2022**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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- Independent, resourceful and takes initiative.
- Able to communicate effectively to engineers of different technical backgrounds.
- A highly motivated team player with good analytical and problem-solving skills and a strong drive to excel.

## Benefits

- **Melaka:** Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Exempt working hours are flexible within core hours (9am-12pm & 2pm- 5.15pm); Home office options for certain tasks or due to personal circumstances. Applicable to exempt employees working on office hours only; Part-time work possible for exempt employees only; Exempt staff could apply up to 3-month sabbatical leave, subject to business situation; Medical coverage; In-house clinic operates 24 hours, doctor consultation possible from 9am to 5pm; Health promotion programs; Social Recreation Center with facilities, such as gym room, squash, badminton and netball court, zumba and yoga classes, etc.; On-site Cafeteria; Paid sick leave according to law; Additional 3% to Employee Provident Fund after 10 years service with Infineon Malacca; Re-employment opportunities; Productivity incentive bonus; Bus service for shift employees ; Allocated carpark for disabled and pregnant employees

## Why Us

### Part of your life. Part of tomorrow.

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

Infineon Technologies (Malaysia) Sdn Bhd, with its 8.000 employees, is the largest manufacturing site of Infineon. The company has established itself as a leading manufacturing site for Power Semiconductors, Logic Semiconductors, Discrete and Sensor Products. We are committed to increasing productivity, on-time delivery and providing customized solutions while maintaining the highest level of product quality. The success of Infineon Melaka is evidenced by eleven National Awards received from the Prime Minister's Office as well as 15 corporate awards.

