

# Driving decarbonization and digitalization. Together.



## Senior Engineer Product Test Engineering

### Job description

In your new role you will:

- Automate and Analyze qualitative & quantitative data with statistical theories and methods to drive productivity and quality improvement
- Support and on sustaining configuration on auto anomaly detection script/tool to improve efficiency and sensitivity.
- Setup the necessity on existing provisioning of data in efficient manner(e.g. tableau, BI-portal) and provide analysis insights.
- Support and implement new measures to ensure robustness of test program management systematic
- Support and perform defined periodic data analysis which would support team to identify yield/eLRR improvement potential and priorities
- Setup Trigger, coordinate periodic SBA review activities, and responsible to keep SBA specification up to date.
- Participate and team up with internal engineers on cascading cross-site harmonization initiatives.
- Responsible to verify the triggered abnormal events, alert PE for immediate action and suggest for permanent action. Drive for improvement on abnormality detection
- Main interface to FI, PE, YM, Cluster PTE for data analytics,statistical and SBA methodology topics
- Support FAR data requisition on lot history, process mapping and execution of 8D (root-cause finding, containment and permanent actions)

### Profile

You are best equipped for this task if you have:

- Masters/Bachelor's Degree in Engineering (Computer) or Computer Science (IT) or any other relevant field
- Minimum 5 years' experience in semiconductor manufacturing. Experience in Product Engineering will be an added advantage.
- Strong knowledge in programming
- Well-versed in Ms. Excel VBA Macro
- Knowledge in Oracle database, UNIX server, SQL developer
- Knowledge in APC, SECS/GEM, UNIX
- Good interpersonal and communication skill

### At a glance

Location: **Melaka (Malaysia)**  
Job ID: **HRC0805286**  
Start date: **Jun 24, 2024**  
Entry level: **3-5 years**  
Type: **Full time**  
Contract: **Permanent**

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Job ID: **HRC0805286**  
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- Able to work in team

## 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

### **Driving decarbonization and digitalization. Together.**

Infineon designs, develops, manufactures, and markets a broad range of semiconductors and semiconductor-based solutions, focusing on key markets in the automotive, industrial, and consumer sectors. Its products range from standard components to special components for digital, analog, and mixed-signal applications to customer-specific solutions together with the appropriate software.

### **We are on a journey to create the best Infineon for everyone.**

This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant´s experience and skills.

Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.

