



Senior Staff Engineer Product Engineering for E-Mobility

Job description

In your new role you will:

- Assessment of yield, 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, etc.) and linkage between cross-functional teams.
- Drive cost improvement projects / yield improvement / ratio (TIR, TTR) .
- Develop product engineering tools to automate data extraction, analysis and visualization of yield and product parameters or LOH.
- Active participation in CoP PRE or CoP CV community and provide sharing with the worldwide PRE community.
- Technical team lead and Subject Matter Expert 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 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 / Microelectronics / Mechatronics / Semiconductor Technology).
- More than 7 years' experience in Semiconductor Component Verification /Validation and/or Device Testing.
- Statistical data analysis.
- Analytical and problem solving skills.
- Experience in lab bench measurement equipment (oscilloscope, multimeter, function generator, sourcemeter).
- Experience with basic programming knowledge (e.g. Visual Basic, C++ and/or LabVIEW).

At a glance

Location: **Melaka (Malaysia)**
Job ID: **341190**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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Job ID: **341190**
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- Sound knowledge in schematic/electronic circuitry interpretation.
- Good aptitude in engineering analysis, problem solving and solution finding.

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

Automotive High Power: We Drive the Electrification of Cars

Our vision of the future is zero-emission and autonomous mobility, based on electric vehicles.

Infineon's role: Our chip solutions control the electric current from the battery to the electrical consumers, whether a traction motor of an electric vehicle, a power steering system or an in-car USB charger. In fact, our products directly impact the range, size, reliability and affordability of electric vehicles. Engineers at the business line Automotive High Power (ATV HP) create products that are both market and technologically leading. Our highly diverse and ambitious team has a desire to shape the future with innovation aimed at propelling society towards fully electric, zero-emission, autonomous mobility.

ATV HP contributes to shape the future of mobility with microelectronics enabling clean, safe, smart cars.

#PowerForElectromobility

Part of your life. Part of tomorrow.

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.

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.

