

# Driving decarbonization and digitalization. Together.



## Senior Staff Engineer Failure Analysis (For Internal FE Employees Only)

### Job description

In your new role you will:

- Create new test program for electrical testing for new products.
- Modify test program on Nextest and Verigy (V5000 & V93000) for electrical testing of new packages, and fault isolation on thermal and photon emission microscopes.
- Perform electrical verification on complicated electrical failure modes.
- Perform scan chain diagnosis for failure analysis purpose.
- Perform regular check and repair test hardware, test board and test socket.
- Set-up curve tracer testing and verification for parametric failures.
- Collaborate with Product and Test Engineers for new product test program development.

### Profile

You are best equipped for this task if you have:

- Bachelor in Electronics/Electrical/Microelectronics/Material Engineering, Material Science or Physics.
- Minimum 6-10 years' experience and knowledge in test programming (Nextest and Verigy testers) or C++ programming language.
- Familiarity with Flash and RAM memory products knowledge would be an advantage.
- **Remarks: t his role is only open for internal transfer of frontend employees of IFKM, IFPG & IFMSMY, also applicable for IFMY FA employees (under FE organization).**

### Why Us

**#WeAreIn for driving decarbonization and digitalization.**

As a global leader in semiconductor solutions in power systems and IoT, Infineon enables game-changing solutions for green and efficient energy, clean and safe mobility, as well as smart and secure IoT. Together, we drive innovation and customer success, while caring for our people and empowering them to reach ambitious goals.

### At a glance

Location: **Penang (Malaysia)**  
Job ID: **HRC0907515**  
Start date: **Jan 02, 2025**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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Job ID: **HRC0907515**  
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Be a part of making life easier, safer and greener.

**Are you in?**

**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.

