



Senior Engineer, Test Hardware

Job description

Are you someone who enjoys understanding Test Hardware and how electrical component works? Come join us and be part of the team to be the subject matter expert in Test Hardware, working closely with the Test Engineers!

In your new role you will:

- Responsible for **Automated Test Equipment Hardware** consist of **Device Under Test (DUT) Board**, test socket and other accessories.
- Lead a team of technicians to **maintain Test Hardware stability** and availability to support Operation
- **Buyoff and qualifications of new DUT boards and sockets** to be operationally ready, maintain records and buyoff results
- Drive and **Improve Test Hardware performance and uptime**.
- Identify & drive test operation cost reduction projects
- Hands-on with Shop floor team for daily performance topics, this will require **basic Test Program knowledge and understand how electrical components works**
- **Collect and analyze test characterization data and generate characterization reports**, for improvement drive
- Work with Test engineers to troubleshoot chip level performance issues
- Create and constantly review Process documents to reflect latest maintenance procedures and requirements
Opportunity to explore new techniques, making use of **Advanced Optical Inspection (AOI) and Artificial Intelligence (AI)**

Profile

You are best equipped for this task if you have:

- Bachelor **Degree in Electronic/Electrical Engineering** with **at least 5 years in semiconductor or equivalent experience**
- Knowledge on designing **DUT PCB test-board** and ability to understand **circuitry schematics and electrical components is an advantage**
- Experience and hands-on in **ATE Test system (Verigy 93K, Teradyne J750 /Ultraflex/Flex)**, and **understands Electronic Circuits, Analog & Digital signal**
- Capable in using **test instruments, such as source meter, oscilloscopes, parametric analyser, etc**
- Ability to connect and communicate with all levels including technicians and operators.

At a glance

Location: **(Singapore)**
Job ID: **348774**
Start date: **as soon as possible**
Entry level: **3-5 years**
Type: **Full time**
Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search:

Job ID: **348774**
www.infineon.com/jobs



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.

In accordance with the requirements set by the Singaporean Government, Infineon Technologies Asia Pacific Pte Ltd ("Infineon") can only allow individuals who are (a) fully vaccinated, (b) certified to be medically ineligible for a vaccine or (c) have recovered from COVID-19 within a prescribed period, onto company premises. Therefore, Infineon requires all new employees, as well as contractors and business partners, to be fully vaccinated against COVID-19. "Fully vaccinated" means individuals have completed the full regime of an approved COVID-19 Vaccine as listed under the World Health Organization (WHO) Emergency Use Listing (EUL) including the respective post-vaccination period to ensure the vaccine has become full effective. Anyone who is unable to be vaccinated due to an approved and/or recognised exemption condition may apply for special consideration.

