



Job Description Flying Probe Technician

Full Time Position

Supervisor: Test Manager

Job description

This position will be responsible for operating production test equipment, troubleshooting and repairing defective products, maintaining test equipment, monitoring test performance and yield information, and providing technical support to other test operators. Responsible for testing printed circuit boards and programming a robotic flying probe machine. Prior experience with both testing and programming is necessary.

Qualifications

Two-year technical degree and two years of hands-on experience, or four years of hands-on technical experience.

Background in Electrical Engineering.

Must be able to read schematics, diagrams, test data and software output as well as BOMs and assembly drawings to perform quick repairs.

Must have experience programming a flying probe machine.

Must have experience testing and troubleshooting printed circuit boards.

Must have excellent communication and documentation skills.

Board level Functional Test Program development in at least one of the following: C, C++, LabVIEW, LabVIEW CVI and/or Visual Basic is preferred.

Should have knowledge of Internet software; Microsoft Office, Thermal Chamber Programming. Visio, C / C++, LabVIEW and Microsoft Project is a plus.

Working experience with CAD tools to create schematics is a plus.

Job Responsibilities

Troubleshoot, repair, calibration, and test electronic assemblies, instruments and mechanical assemblies at the lower or component level.

Debug ICT / FT / Functional / RMAs/ Flying Probe test failures

Repair power supplies and circuit boards

Perform detail analysis on all test failures

Enter and analyze the repair finding into information data collections systems

Read and interpret schematics, drawings and Engineering Change Orders

Provide continuous feedback to test engineers for test yield improvement

Actively reduces the debug WIP

Perform maintenance and repair on test fixture



May operate test equipment
May complete rework on assemblies and/or systems as a result of testing
Other duties as assigned

Minimum Job Qualifications

2 year degree in electronics, manufacturing technology, or equivalent education and/or industry experience
Working knowledge of ICT, FT and Flying Probe test platforms, and ability to run production test systems as needed
Ability to use standard measurement and test equipment such as: digital voltmeters, oscilloscopes, power supplies, and power sources.
Knowledge and application of schematic diagram
Knowledge of electric circuit boards, processors, chips, and computer hardware and software, including applications and programming.
Excellent verbal and written communications skills
Ability to debug hard chronic failures
Ability to debug aging PCBA's
Basic knowledge of PCBA process and PCB layers
Ability to recognize potential and existing problems and escalate to management for resolution
Ability to read, write and otherwise communicate effectively in English
Excellent attention to detail and accuracy very important
Able to work in a fast-paced environment with quickly changing priorities to ensure superior customer satisfaction

This position may require exposure to information which is subject to US export control regulations, i.e. the International Traffic in Arms Regulations (ITAR) or the Export Administration Regulations (EAR). All applicants must be U.S. persons within the meaning of U.S. regulations.