



Job Title: Test Technician I
Department: Test Production
Supervisor: Test Department Manager/Supervisor
FLSA Status: Non-exempt

Introduction:

Microboard Processing, Inc. (Microboard), located in Seymour, CT is a privately held, completely state-of-the-art Electronic Manufacturing Services (EMS) provider that has been in business for 40 years. We are relentless with our continuous improvement philosophy as well as our equipment, software and human capabilities, employing the brightest minds and the newest equipment (FUJI NXT III SMT, Automated climate-controlled inventory towers, 5D X-Rays, in-line SPI's and AOI's, on-site Nitrogen Generation, etc.). We are constantly pursuing global certifications to maintain Microboard at the leading edge of technology with a keen sensitivity to our environment (ISO 9001:2008, ISO 13485, AS9100D, ISO14001, CE, UL, ITAR.)

Summary:

- Perform all aspects of board level and system level testing and some troubleshooting is a plus
- Familiar with Analog, Digital, Control, Memory, I/O, FPGA, CPLD, High Speed Digital, RF, and Power circuits is a plus, but not required
- Familiar JTAG Boundary Scan, PIC programming
- Familiar with test equipment: Oscilloscopes, RLC Meters, DVMS, Automatic Test Equipment (ATE), Signal Generators, Spectrum Analyzers, Network Analyzers, Programmable Power Supplies, and X-RAY
- Strong communication skills

Essential Duties and Responsibilities: include the following. Other duties may be assigned.

- Works with 100% supervision
- Perform Impedance test and functional test to electronic assemblies according to Microboard's Test Procedures or Customer's Test Procedures
- Operates Automatic Test Equipment (ATE), Flying Probe, Customer Specific Test Equipment (CSTE)
- Responsible for meeting daily production goals, functions under time pressure
- Maintaining cleanliness and organization of test area
- Proficiency with working knowledge of Microboard's Shop Floor Tracking System (Aegis) software is required
- Other non-test related duties may be assigned

Qualifications: To perform this job successfully, an individual must be able to perform each essential duty satisfactorily.

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- Knowledge of component identification
- Familiar with Analog, Digital, Control, Memory, I/O, RF and Power circuits is a plus
- Familiar with JTAG, PIC, and boundary scan, but not required
- Ability to follow verbal and/or written instruction
- Must be able to effectively work in team environment
- Able to accept changes in a positive manner
- Communicates and listens effectively in a professional and courteous manner
- Contributes to a positive, healthy and safe work environment

Education and/or Experience:

- High School Diploma or equivalent with 3+ years of related experience

Language Skills:

- Ability to read and speak English fluently.
- Ability to read and comprehend simple instructions, short correspondence, and memos.
- Ability to write simple correspondence.

Mathematical Skills:

- Ability to add, subtract, multiply, and divide in all units of measure, using whole numbers, common fractions, and decimals.

Reasoning Ability:

- Ability to apply common sense understanding to carry out instructions furnished in written, oral, or diagram form.
- Ability to deal with problems involving simple variables in standardized (normal) situations.

Physical Demands: The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- While performing the duties of this job, the employee is frequently required to stand; walk; sit; use hands to finger, handle, or feel; reach with hands and arms; and talk or hear.
- The employee must frequently lift and/or move up to 10 pounds and occasionally lift and/or move up to 25 pounds.
- Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.

Work Environment: The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- While performing the duties of this job, the employee is frequently exposed to moving mechanical parts.

- The employee is occasionally exposed to fumes or airborne particles, toxic or caustic chemicals, outside weather conditions, and vibration.
- The noise level in the work environment is usually loud.

Personal Protective Equipment (P.P.E): Specific items of clothing and/or equipment may be required to perform certain functions and operations. Any of the following three serve as sufficient criteria in determining the need for P.P.E. compliance with:

- Microboard policy.
- Safety Data Sheet (SDS) stipulations.
- OSHA regulations generally.