

Job Title: Electronic Repair Technician

Reports To: QA/QC Manager

Department: Technical Service Group

Summary: Responsible for repairing and troubleshooting RMA equipment to note failure trends. This is component level repair and is more complicated than general fault isolation at board level as you will be involved in identifying the real root cause of failures. This role requires the application of knowledge, wisdom, and ability to track the failure to origin through logical detection by repeated analysis & elimination. Such isolation may uncover chip failure, faulty capacitor or other component, dry joint, hairline crack, bad traces, burn mark, power failure and communication failure amongst other things.

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Duties and Responsibilities:

1. Diagnose and repair digital assembly boards including surface mount, power boards, LED, processors and other electronic parts down to component level.
2. Perform testing per specific test procedures by using measuring instruments and computer test programs.
3. Reads and interprets specific test procedures to properly perform and document test results.
4. Knowledgeable in electronic measuring instruments, assorted related tools and computer test program accurately. Programmable auto-testers, oscilloscopes, pulse generators, meters, power supplies and special test fixtures.
5. Downloading software and drivers to test that faults are properly rectified 1st time.
6. Good understanding in Computer architecture, software tools and operating systems.
7. Require a high level of background in soldering and reworking surface mount and BGA components.
8. Updates the tracking system to clearly outline the materials used and technical activity taken.
9. Assists Engineering group in the development of testing procedures for new and existing products.
10. Organizational skills are especially important to keep up with the high volume of repairs.
11. Documents test results with appropriate information in a complete manner.

Education/Experience:

Several years experience in opening up and replacing digital parts on electric meters or similar devices such as transponders or communication modules. Three plus years of experience in a high volume Electronic Manufacturing environment is a plus.

Skills:

Electronics Knowledge, Oral Communication Skills, Written Communication Skills, Reading Skills, Technical Communication, Soldering Skills, Computer Literacy, Keyboard Skills, Math Aptitude, Time Management

Miscellaneous:

The position requires a self-starter who is a detail-oriented individual with multi-tasking abilities. Must maintain a positive attitude.

Computer literacy in MS Office (Word, Excel, PowerPoint).

Knowledge of UNIX systems an advantage

Fluent/advanced written and spoken English

Contact:

Please send resume and cover letter to techjobs@quadlogic.com, place "RMAJOB" in the subject line.

