

Job Title	Test (debug) Technician II	Job Code	8253
Reports to	Supervisor II, Manufacturing	Department	Manufacturing Engineering
Job Family	Manufacturing Engineering	Headcount Status	Direct
Job Grade	H	Security Level	US Person or US Citizenship Status Required by Specific Job Assignment
FLSA Status	Non-Exempt		

Summary

Responsible for providing support and debug for test processes on the production floor as well as supporting customer test processes and production test throughput.

Position Responsibilities

- Aide leadership by recommending, leading, and providing improvements in test processes and debug techniques.
- Debug high complex electronic assemblies to component level.
- Provide feedback to leadership regarding product flow and work sequence.
- Document improved debug techniques.
- Perform tester maintenance and upkeep, makes improvements to processes.
- Trouble shoot operator problem successfully, works with leadership on training and process improvements.
- Provide training and mentorship to Test Operators and Technicians.
- Communicate problems to proper Principal Test Technician, Test Engineer and/or leader, assists and advises on analysis and resolution.
- Communicate technical information regarding Test with Test Engineers, Customers, and Account Management.
- Assist in defining experiments for failure analysis and root cause analysis.
- Recommend additional equipment needs to leadership and/ or Test Engineers for the product debug areas.
- Constantly monitors and implements production processes and test systems to decrease No Defects Found (NDF's).
- Comply with quality assurance policies and methodologies; develop a strong quality orientation.
- Maintain a clean, safe work environment and follow all published/posted safety standards (Daily use of ESD and safety protective devices: eye protection, smock, and foot straps).

This job description highlights key activities of the position and is not intended to be inclusive of all activities performed by an employee in the position. The Company reserves the right to adjust, add to or eliminate any aspect of the above description. The Company also retains the right to require employees to undertake additional or different job responsibilities when necessary to meet business needs.

- Performs Engan screening before escalation to the Principal Test Technician or Test Engineer.

Essential Functions and Competencies

- Will be proficient in debug techniques on electronic assemblies/subassemblies in a manufacturing environment involving Printed Circuit Boards (PCBs).
- Will demonstrate effective leadership and interpersonal skills.
- Will demonstrate a thorough understanding of Test Measurement and Debug Techniques.
- Will demonstrate the ability to debug and troubleshoot multiple current test platforms including the software and hardware.
- Will demonstrate effective communication, both verbal and written.
- Will demonstrate regular, consistent attendance and be able to work overtime requests when needed.
- Will demonstrate a thorough understanding of BEI test systems and processes.
- Will exhibit professionalism and confidentiality.
- Will demonstrate a thorough understanding of hardware and software of complex test platforms.
- Will be self-motivated and have the ability and desire to learn new procedures and techniques.
- Will be able to work with limited supervision.
- See job analysis forms for specific physical stresses of the job

Position Qualifications

Education / Experience

- Must have a minimum of a 2-year Electronic or related technical degree with 4+ years test technician experience or a 4-engineering degree, or equivalent 4 yr technical degree.
- Electronics manufacturing experience preferred.

Skills / Training

- Will have intermediate computer knowledge in Office and Windows applications.
- Will demonstrate strong analytical skills.
- Will demonstrate advanced problem solving skills and the ability to develop creative solutions.
- Refer to 000002 division training plans for more details

Revision History

Revision Date	Affected Section	Reason for Change
08/01/08	All	New Release
06/02/2010	Skills/Training	Updated Training Code

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Page 3 of 3