chiplytics

Vice President of Quality Assurance
Full-Time - Seattle, WA

Company Overview

Chiplytics streamlines access to mission-critical electronic components through a scalable testing platform and growing network of supply chain partners. Mature nodes power nearly every electrical system, yet dependence on overseas manufacturing and complex distribution channels introduce significant risk to critical supply chains and national security. The Chiplytics Certified Authentic program will mitigate these risks by delivering secure sourcing, procurement, and testing for high-reliability electronics.

Job Description

We are looking for a full-time Vice President of Quality Assurance to build and lead Chiplytics' end-to-end testing and quality organization. You will design our in-house test capabilities, source and manage partner laboratories, execute test programs and analysis, and grow a high-performing team of lab technicians and engineers. You will also own certifications and accreditations (e.g., AS6171) and drive company-wide quality assurance. Near term, you'll help define, build out, and execute microelectronics inspection capabilities to support the launch of the Certified Authentic program. Long term, you'll lead a team of test engineers and lab technicians to scale an accredited world-class testing operation.

Responsibilities

1. Build out Chiplytics' in-house microelectronics inspection capabilities and quality management system to help launch the Chiplytics Certified Authentic Program
2. Determine requirements including lab space, equipment, personnel, and certifications to support various go-to-market strategies, working closely with our VP of Sales
3. Own certifications and accreditations including ISO9001 and AS6171
4. Determine testing requirements for all parts coming through Certified Authentic
5. Source, maintain, and operate test equipment and compile reports, delegating as we grow the team and pulling in Engineering and third-party test labs for support
6. Build a network of partner laboratories and contractors to support outsourced testing
7. Hire, train, and manage a team of test engineers and lab technicians as we grow
8. Collaborate with Product & Engineering to integrate instrumentation, automation, and analytics into testing workflows
9. Contribute to proposals, pricing, and capacity planning; forecast staffing and equipment against demand
10. Interface with end-customers to align on test requirements and review results

Requirements

- 10+ years in electronic component quality assurance and testing with 5+ years leading lab teams and operations
- Hands-on experience with AS6171 programs and microelectronics inspection methods such as general and detailed external visual inspection, x-ray, XRF, decapsulation, curve tracing, and boundary scan/JTAG
- Understanding of testing requirements and setup for a wide range of microelectronics components
- Proven track record building quality management systems and standard operating procedures
- Supplier/partner management experience, including qualifying external labs and negotiating technical/quality requirements
- Excellent leadership, communication, and cross-functional collaboration skills; comfortable in customer-facing technical reviews
- Ability to work independently in a fast-paced startup; bias for action and ownership
- Willingness to travel to partner labs and customer facilities
- Familiarity with aerospace & defense, medical, automotive, communications, or other high-reliability sectors
- Eligibility for U.S. Government security clearance is a plus
- U.S. Citizen

How to Apply

Send an email to join@chiplytics.io with your resume and short paragraph about yourself and why you're interested in applying.