

**Position: Quality/Reliability Engineer****Locations: Santa Clara, CA****Overview:**

Astera Labs Inc. is a fabless semiconductor company who is a leader in developing purpose-built connectivity solutions that remove performance bottlenecks in compute-intensive workloads such as artificial intelligence and machine learning. To support rapid international business growth, we are hiring a **Quality/Reliability Engineers** living near our customers in Santa Clara, CA. Candidates must have experience supporting the quality aspects of developing and designing in semiconductor products for high-speed communication protocols.

**Job Description:**

As an Astera Labs Quality Engineer, you will establish yourself as the quality representative responsible for customer quality management to the world's leading cloud service providers, server and network OEMs. In this role, you will need to apply your quality experience towards bringing Astera Labs into ISO9001:2015 compliance, working across functional boundaries to implement and maintain a quality framework, develop and document internal processes as applicable to Astera Labs. Further, you will help to build the local quality team as Astera Labs continues to grow in size.

**Basic qualifications:**

- BS in electrical engineering. Master's degree in engineering is preferred.
- Minimum of 8 years' quality engineering experience including customer returns, failure analysis and 8D report generation.
- Expert with Semiconductor industry specific quality requirements including ISO9001:2015, REACH, RoHS and Halogen free classifications
- Able to implement semiconductor product qualification plans using JEDEC and IPC standards
- Detailed oriented, professional attitude with the ability to prioritize a dynamic list of multiple tasks, working closely with all engineering disciplines working with minimal guidance and supervision to deliver a quality solution
- Entrepreneurial, open-mind behavior and can-do attitude – Think and act with the customer in mind

**Required experience:**

- Proven track record working with large ODM customers with a quality management system, interfacing with customers through customer return processes
- Experience maintaining existing quality process flows following documented industry standards
- Knowledge and using FA tools including back-side emissions, x-ray analysis, acoustic microscopy, SEM and cross section to obtain a root cause of customer returns and field failures
- Documenting and implementing internal process flows using systematic methodologies within a customer quality organization
- Hands-on, thorough knowledge of high-speed protocols like PCIe, Ethernet, Infiniband, DDR, NVMe, USB, etc
- Experience in taking technology companies through ISO 9001:2015 certification