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# Sr. New Product Quality Assurance Engineer

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3.7 ★**NXP Semiconductors**– San Jose, CA

$71K-$110K (Glassdoor est.)

* + San Jose (Plumeria Dr)
* Apply
* NXP Semiconductors enables secure connections and infrastructure for a smarter world, advancing solutions that make lives easier, better and safer. As the world leader in secure connectivity solutions for embedded applications, we are driving innovation in the secure connected vehicle, end-to-end security & privacy and smart connected solutions markets.

NXP is looking for an experienced Quality Assurance professional who is interested in applying their technical skills and quality assurance experience to drive a Zero Defect and continuous learning culture within the NXP design and development process.

The position will provide NPI quality assurance support to internal and external customers, suppliers and third-party partners. In addition, the role will execute the Quality Assurance strategy to ensure continuous development of robust products consistent with customer requirements, government regulations and established industry standards.

The Quality Assurance Engineering role is a critical member of the NPI development team and has direct impact on the product performance and its long-term reliability. The role is highly valued by our internal and external customers and partners.

Primary Job Responsibilities:

* + LEAD DESIGN ASSURANCE ENGAGEMENT. Serve as the primary design quality assurance point of contact for new product engineering projects. Develop project-specific quality plans for new product development as required. Collaborate with Subject Matter Experts as needed to assess product changes, manage risk, and ensure the appropriate technical engagement on all projects
  + ASSESS ENGINEERING EFFECTIVENESS. Ensure engineering efforts are performed effectively and efficiently while meeting customer, company, and applicable regulatory and quality requirements. Contribute to design reviews, product readiness reviews, and other project reviews and team meetings
  + MENTOR TEAMS. Mentor development teams as needed throughout the development lifecycle in the areas of process rigor, design quality, reliability, customer and regulatory requirements which result in robust, defect-free products. Lead with a “one-team” mentality within the cross-functional team. Drive a “Zero Defects” mentality and utilize the “Stop & Fix” initiative where necessary to ensure product quality
  + EVALUATE PROJECTS. Perform proactive, ongoing audits and risk assessments to determine the health of projects using objective measurements and audits. Produce metrics reports for management reviews. Utilize root cause analysis techniques and methods as appropriate and ensure lessons learned are fanned-out and reviewed. Analyze project data for trends and systemic issues. Assist in providing recommendations for corrective and preventive actions
  + FACILITATE CONTINUOUS IMPROVEMENT. Lead the quality efforts of the cross-functional teams to ensure that quality issues observed in legacy products, other technology development, and other NPIs are avoided in new projects/designs. Assist with engineering project planning activities, ensuring plans account for lessons learned across the enterprise. Support CMMI activities to achieve desired CMMI certification level.

Basic Qualifications:

* + Bachelor's or Master’s degree in a Science, Technology, Engineering or other technical discipline

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Knowledge and Skills:

* + Candidate must be proactive with the ability to balance competing priorities, manage unplanned events and different personalities. The candidate must also work courageously to challenge the status quo and meet or exceed desired expectations whether customer driven or internally focused. The ability to communicate effectively, both verbally and in writing is needed in this role
  + Problem solving, influencing, critical thinking, and decision-making skills are also imperative. In addition, a solid understanding and experience in the engineering development lifecycle with emphasis on design quality is critical for success. The ideal candidate should possess a strong customer focus, proven track record of meeting commitments, and an understanding of lean value and savings.

NXP is an Equal Opportunity/Affirmative Action Employer regardless of age, color, national origin, race, religion, creed, gender, sex, sexual orientation, gender identity and/or expression, marital status, status as a disabled veteran and/or veteran of the Vietnam Era or any other characteristic protected by federal, state or local law. In addition, NXP will provide reasonable accommodations for otherwise qualified disabled individuals.