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# Example of Senior Product Engineer Job Description

Our company is searching for experienced candidates for the position of senior product engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don’t fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for senior product engineer

* Act as technical product line owner and offer technical expertise and/or leadership to both internal and external customers as required
* Lead and/or manage projects using functional or cross-functional team members to improve performance, manufacturability, or cost
* Determine and evaluate functional and performance requirements of products to ensure initial and ongoing compliance with design objectives and customer/industry requirements
* Prepare new and/or update existing documentation related to product requirements, engineering test reports, and first piece evaluations as required
* Evaluate, process, and manage to completion all engineering change activity associated with responsible product lines or assigned projects
* Participate in peer reviews and brainstorming sessions to identify opportunities for continuous improvement or to mitigate business risks
* Manage cross-functional product development teams, including external design, development and manufacturing partners (marketing, product supply, procurement, R&D, Regulatory, ) to ensure quality, cost, compliance, and customer satisfaction
* Will work on process and product improvement in order to address customer issues and need
* Will provide engineering support for Electrolyte and Blood Gas analyzer products to ensure customer, manufacturing, service and other perspectives are included in product design
* Will serve as technical engineering representative in product management teams, coordinating with marketing, customer support, manufacturing and other areas

## Qualifications for senior product engineer

* Technical competence in CMOS based circuits and semiconductor ATE testing
* Familiar with basic statistical analysis understanding
* Experience with various performance tools associated with stress testing a plus
* Handling technical issues of any degree of complexity with minimal need for supervision or assistance
* Undergraduate Computer Science Degree or equivalent work experience recommended
* C/C++ experience a plus