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# Example of Product Senior Engineer Job Description

Our innovative and growing company is looking for a product senior engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for product senior engineer

* New product expansion silicon debug with Design and Test engineering
* Drive wafer sort and final test correlation, yield analysis and corrective actions
* Work with Design and Characterization Engineering on circuit design and robustness of test coverage evaluations
* Generate product verification & characterization reports
* Engineering lead role for engine systems within a new engine product or product extension, including definition and validation of detailed system and component technical specifications
* Supervision or completion of scheme design, detailed design, design analysis, tolerance stack, and design release
* Generation and maintenance of component, function, and engine DFMEA and DVPSOR, application guides, installation manuals, and internal standards
* Develop new products, new product control algorithms, or revisions to either in order to meet market needs, profitability goals, reliability requirements and manufacturing capability in accordance with standard development practices
* Perform and document design calculations, including simulations and advanced analysis for new designs and design revisions
* Execute Engineering changes, and verify all documentation of new designs or design changes is complete

## Qualifications for product senior engineer

* Plans, organizes and directs technical work concerning new or existing products and/or processes
* Supports project time lines and quality in launching new products
* Communicates and works closely with all areas of marketing, purchasing, manufacturing, engineering, quality control and production Assures that all product modifications are documented with the use of the ECN system
* Participates in process, product, and equipment analysis
* Master’s degree ( PhD Preferred) in Electronic Engineering, Physics, or equivalent background, plus 5+ years of relevant work experience
* ATE specifically Maverick, Magnum or D10, semiconductor test and FA methods