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# Example of Components Engineer Job Description

Our growing company is searching for experienced candidates for the position of components 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 components engineer

* Will travel to suppliers or assembly plants as needed
* Should support external vendors and manufacturing partners in developing reliability test plans to handle component obsolescence
* At the component level, the individual will work with other functional disciplines to develop specifications for discrete components used in PCB assembly
* Working within the electrical hardware engineering team with strong collaboration to other disciplines
* Creation of specifications for the procurement of electronic components
* Develops and integrates electrical components into platforms to achieve attribute and product performance targets
* Works with Electronics & Electrical Systems (EES) Integrators and Platform Integrators to translate technical sub-system targets to the component targets
* Use execution excellence in managing the projects, assessing and mitigating risks in order to arrive on targets
* Directly owns and contributes to design elements and performance attributes including design for assembly
* Accountable for creation, capture and reuse of knowledge

## Qualifications for components engineer

* Ability to analyze and solve problems Proven high level of written, verbal, and interpersonal skills
* Strong engineering, problem solving, communication and teamwork skills preferred
* Knowledge of Six Sigma principles and experience using Minitab or similar statistical analysis tool preferred
* Working knowledge of CAD/CAE tools, AutoCAD & Matlab preferred
* Basic understanding of manufacturing processes, metallurgy and heat treatment of steel preferred
* Basic understanding of NVH and reading/interpreting NVH data preferred