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# Example of Electrical Engineer / Electronics Engineer Job Description

Our company is looking to fill the role of electrical engineer / electronics 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 electrical engineer / electronics engineer

* Drive and guide module architectural and design decisions
* Contribute to the creation of new processes and solutions, identify problems and determine alternate solutions
* Support DV, PV, DFMEA, and APQP activities
* Support production launch activities related to ICT and EOL testing
* Working as a team member of the Test Technology Engineering group, to ensure compatibility and effectiveness of test cell systems
* Contributing knowledge of electrical systems to the design and development of turbocharger test facilities
* Responsible for fault-finding within complex electro-mechanical systems
* Responsible for delivery of several concurrent projects in accordance with relevant legislation to cost and timing targets, either as a team member on larger projects or as a project lead on small projects
* Collaborative work with mechanical, thermal design, manufacturing test, and DVT engineers
* Collaborate on controller architectural decisions to drive robust system design

## Qualifications for electrical engineer / electronics engineer

* Experience working with personal computers and software such as MathCAD, Excel
* Experience with Military systems highly preferred
* Candidates must be a new or recent graduate with a PhD in Electrical Engineering or closely related Science, Technology, Engineering, Math (STEM) discipline
* Must be able to analyze and troubleshoot seismic systems, including high-resolution, low noise, low power, high voltage (600V) systems, with competency for mitigation of noise, crosstalk, transmission effects, and EMI, for DC to 2 GHz
* Must know how to use PSpice and other design programs
* Experience designing and supervising PCB layout