Downloaded from <https://www.velvetjobs.com/job-descriptions/electrical-engineer-electronics-engineer>

# Example of Electrical Engineer / Electronics Engineer Job Description

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

## Responsibilities for electrical engineer / electronics engineer

* Apply systems engineering principals and methodologies to define and produce a product
* Prepare and deliver presentations to peers and managers
* Assist in data acquisition for analysis purposes
* Conduct testing and analyze the collected data for MEMS integration in steam iron
* Develop new feature(s) in new Technology & Function Development activity
* Deliver a robust scale sensing circuit by using capacitive sensing technology
* Perform testing of high voltage/high power DCDC Converter and Inverter systems for automotive applications including high voltage circuits and produce design calculations and reports
* Interact on a technical level both within the design team and with customers
* Translate customer requirements into innovative and cost effective design solutions
* Execute tasks according to corporate and business unit processes

## Qualifications for electrical engineer / electronics engineer

* Comfortable with PCB design using CAD tools (Altium, Orcad, EagleCad)
* Degree in electrical engineering (Bachelor or Master)
* Knowledgeable about the current, emerging technologies and trends in CAE
* Candidates must be a new or recent graduate with a Masters degree in Electrical Engineering or closely related Science, Technology, Engineering, Math (STEM) discipline
* Bachelor's Degree in Computer sciences or Electrical Engineering with 8 or more years' of experience, Master's degree in Electrical with 5 or more years' of experience
* Four (4) or more years of experience in electrical engineering or computer science