



Example of Electrical Engineer Senior Job Description

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Our innovative and growing company is looking for an electrical engineer senior. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

Responsibilities for electrical engineer senior

- Conducts construction progress meetings with contractors as needed
- Monitors electrical construction activities and their compliance with plans and specifications from start to finish
- Ensures all on-site personnel comply with project procedures, requirements, work rules, and that all violations are documented and include recommendations for corrective actions to be taken
- Requests approval for any added/deleted items of work that will enhance construction quality results
- Acts as liaison between DI and subcontractor project managers/superintendents on matters related to planning, permitting, potential disruptions, approvals, work progress and scheduling
- Circuit design, including analysis, simulation, schematics capture
- Performing and/or guiding critical PCB layout/routing and initial mechanical placement on 8-18 layer PCBs with fine pitched BGAs
- Develop PCB and system power regulation and distribution solutions, including discrete point of load applications
- Develop cost and schedule estimates, working with Project and Product Managers to create solid planning
- Develop technical specifications, plans, and procedures

Qualifications for electrical engineer senior

(Allegro preferred)

- Proven experience with EMI/EMC compliance challenges, design for reliability, and design for manufacturability
- Excellent communication, specification, and documentation skills
- A minimum of a Bachelor's degree in Electrical Engineering, a Science or a related technical discipline is required
- A minimum of 4 years of Electrical Engineering or Automation/Controls experience with a Bachelor's degree, OR a minimum of 2 years of Electrical Engineering or Automation/Controls experience, with Master's degree, is required
- Knowledge of manufacturing processes [e.g