



Example of Power Design Engineer Job Description

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Our company is growing rapidly and is hiring for a power design engineer. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for power design engineer

- Design, implement and tape-out key designs at prototype level on internal test chip schedules
- Layout critical elements of circuitry, and/or work with layout engineer for overall layout
- Design and implementation of 5G/mmWave, WiFi and/or Cellular subsystem prototypes
- Utilize local or remote layout resources as necessary
- Define and understand overall project scope and prepare project budgets
- Assist Project Manager in preparing project proposals
- Complete technical direction for project including utility coordination, right of way and easement research, potholing plan preparation
- Evaluate and select optimal design alternatives
- Organize and complete project elements to assure project accuracy, quality and on-schedule project delivery
- Coordinate and direct the work of a project team including junior level engineers and drafters/designers

Qualifications for power design engineer

- Have knowledge in related technical areas, Layout, EMC, Safety, Thermal, Mechanical, Reliability, Industry Standards
- Masters of Science degree in Electrical Engineering or equivalent expertise
- Familiarity with ASIC power analysis and optimization
- Knowledge of multimedia IPs and its mobile applications a plus

- Have experience in the testing of power distribution systems and power supplies