



# Example of Design Engineer Staff Job Description

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Our company is growing rapidly and is looking to fill the role of design engineer staff. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for design engineer staff

- RTL design, simulation, DFT, STA, Floorplanning
- Utilizes Unigraphics NX CAD software to create 3D design models
- Conduct requirements analysis and layout technical/design plans for the development effort develop the requirement compliance plan
- Experienced user of dynamic modeling tools with demonstrated capability in analyzing motion, stress, strain, FEA, thermal performance, material selection, reliability, and economic and manufacturing feasibility
- Responsible for detailed stack up design for smartphone and critical component/module verification
- Collaborate with cross-functional teams (including Industry Design, Project Management, System Engineering, Electrical, Software ) to evaluate new technologies and features for prototype hardware
- Work closely with ID team to come up competitive concepts and proposals
- Conduct new technology feasibility study
- Lead cross function team product design evaluation meeting and following-up
- Build working demo and communicate/demonstrate to cross-functional teams

## Qualifications for design engineer staff

- Knowledge of Regulatory requirements for Power Supplies and/or UPS products
- Experience in Firmware Development for real-time control, state machine

- Technical leadership of complex engineering projects
- Experience with other EDA tools such as Design Compiler, IC Compiler, PrimeTime, SoC Encounter, Pacific, Nanosim, Pathmill, Spectre, HSPICE, HSIM, Finesim
- Be motivated to accept a variety of responsibilities as a part of contributing to the team's success