



Example of Circuit Design Engineer Job Description

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Our growing company is looking for a circuit design 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 circuit design engineer

- Provide hardware support for development applications
- Participate in DFMEA reviews
- Collaborate with package development teams to ensure all die-level and package-level design rule checks are complete prior to mask generation
- Preparation of SLD, Protection Block Diagram, Interlocking logics and Data sheet for HV equipment
- CT VT sizing, battery and battery charger sizing calculations
- Prepare schematics of Control and Protection panels / Local control cubicles and associated manufacturing documents
- Coordination with Primary, FAT and commissioning activities and resolve issues arising in each of these stages
- Interface Engg with Primary equipment
- Cable engineering
- Auxiliary power system design

Qualifications for circuit design engineer

- Strong fundamental knowledge is essential
- Excellent oral and written presentations skills are required for team presentations, customer interaction and reviews
- 10 + years of proven circuit design experience in SRAM, CAM, RF, DP array structure, Place Route at deep sub-micron technology node (28nm, 16nm,

- Solid understanding of digital design flow, including design entry, simulation, layout verification, and parasitic extraction
- Hand on implementation at schematic entry, spice simulation, macro floor plan, cell placement, route track analysis, metal layer usage, base/leaf cell development, sub-module or block level integration' Familiar with Linux/Unix operation system and be capable of write scripts with Shell, Perl or other utilities
- Familiar with CPU Architecture is a plus