



Example of Circuit Design Engineer Job Description

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Our company is looking to fill the role of circuit design engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for circuit design engineer

- Mentor and guide junior-level engineers in the design, build and test of phased array sub-systems
- Write technically sound proposals and estimate related design costs and schedules
- Plan and implement world-class characterization facilities for present and future generation products
- Identify and reduce to practice novel approaches with advantaged product attributes
- Identify and integrate world-class talent for our growing team and provide technical and professional leadership to them
- Develop and efficiently execute test plans
- Exploring the trade-offs of the different approaches and propose the best solution to achieve or exceed the requirements in terms of power/area/linearity/bandwidth
- Design and develop circuits for embedded electronics applications
- Verify functionality and robustness of electrical design
- Develop and maintain design, analysis, test plan and test result documentation

Qualifications for circuit design engineer

- Hands on experience in design and analysis of low power circuits, power gating, decaps, multi-vt is required
- Understanding of Design-for-test(DFT) and logic design is a plus

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- Understanding of Place and Route design tools is a plus
- Post-Silicon data gathering experience is a plus