Example of Analog Design Job Description

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Our company is looking to fill the role of analog design. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for analog design

- Manage and refine the planning process
- Deliver detailed specifications
- Hold overall ownership of the SERDES roadmap
- Work closely with domain teams, team leads and product architects to drive execution
- Ensure competitiveness of SERDES roadmaps and interlock of features with Business Units
- Resolve cross-functional issues
- Do analysis to ensure building blocks provide necessary performance
- Deconstruct schematics in order to port them to a new technology node
- Be involved in the development of Analog/Mixed Signal IC for High speed CDR for 100G Ethernet
- Be required to carry out the design and development of new IC to meet the target requirements

Qualifications for analog design

- Ability to debug complex integrated circuit problems in the laboratory
- Analog circuit design exposure/knowledge
- Aware of signal integrity issues (ie
- Understand the fundamentals of SiGe processes, and both Bipolar and CMOS transistor operation
- Exposure to transistor level design, simulation and layout