Example of Analog Designer Job Description

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Our innovative and growing company is looking for an analog designer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for analog designer

- Generate design analysis
- Develop the GSE Simulators
- Support the design reviews
- Designing analog blocks and sub-systems of application specific integrated circuits
- Working with product design leader and management
- Working with cross-functional team of a specific product
- Effectively communicate results by preparing written reports and making presentations describing analyses performed, solutions developed, and value obtained
- Work closely with other cross-functional teams to define, implement, and introduce products to our customers
- Ensure all external memory compiler IP meeting the product development requirements both technically and timely in each milestone
- Support and resolve technical issues in the memory compiler during the product development, silicon validation and production

Qualifications for analog designer

- MSc in Electrical Engineering (or related discipline) desired
- Solid understanding of low voltage mixedsignal design and high frequency low noise TIA amplifiers
- Familiarity with ROIC design tradeoffs, particularly with very small signal

- Strong background with standard analog simulators such as PSPICE, HSPICE, Spectre, Eldo, and AMS simulation
- High level modeling
- Understanding of low voltage mixedsignal design and high frequency low noise TIA amplifiers