



Example of FPGA Design Engineer Job Description

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Our company is searching for experienced candidates for the position of FPGA design engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for FPGA design engineer

- Collaborate with other cross-functional team leads and engineers to plan and execute projects
- Ensure that teams have appropriate product and technical requirements, direction, and resources to deliver products effectively
- Able to establish realistic estimates for completing tasks or projects, to meet customer and internal deliverables
- Work with a team of FPGA design engineers using state of the art design tools to translate customer needs into a flexible product architecture that will meet the customer's test and measurement needs
- Incorporate DSP technology into next generation video products
- Participate in the project planning
- Identify new technology that can be added to our Technology and Architecture Roadmap planning
- Provide input on project budget and capital equipment needs
- Lead and/or moderate technical issue review and resolution sessions
- Our products contain DSP, FPGA, multi-processor architectures, local and remote SW execution, designed to solve complex video and audio data analysis problems

Qualifications for FPGA design engineer

- Knowledge in MATLAB/Simulink programming and low level C
- Knowledge in space standards (ECSS and CE)

- Experience in FPGA design methodologies including high speed design, serial protocols and FPGA timing closure is required
- Excellent RTL design knowledge using Verilog is required