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# Example of Hardware Design Job Description

Our company is growing rapidly and is hiring for a hardware 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 hardware design

* Collaborate across many departments such as Research, Layout and Driver teams to implement the specification
* Work alongside the Graphics Architect and be a key stakeholder in delivering the next generation of graphics for electronics
* Supervise and mentor other team members
* Lead new product development
* Validate Analog and Digital circuits using oscilloscopes, logic analyzer, network analyzer, multimeter, chamber
* Support design and projects in the areas of regulatory compliance, reliability analysis and testing, components selections and development process
* Work with manufacturing in defining the tests and fixtures needed for programming, functional verification and final tests
* Provide technical support to internal departments
* Investigation and debug of production board and field failures to root cause
* Hardware Defect triage and prioritisation

## Qualifications for hardware design

* Experience with Xilinx and Altera FPGAs
* Experience in the use of common processor/evaluation boards
* Ability to work in a CAD or other graphics application
* Knowledge of international regulations in the automotive area
* Knowledge of quality assurance systems such as FMEA and Kaizen
* Knowledge of English at intermediate level