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# Example of PCB Designer Job Description

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

## Responsibilities for PCB designer

* Continuously maintaining the expertise in the field of electronics, layout, assembly processes, tooling
* Work with Design Engineers to verify Environmental Compliance including ROHS, REACH, PFOS
* Review/support customers’ schematics and layout designs as requested
* Develop PCB Designs that are innovative, high-quality, cost-appropriate and satisfy the stakeholder’s (customer, manufacturing, project team, ) needs and requirements throughout product realization
* Perform detailed error checks, post processing, Gerber files, to facilitate successful board manufacturing
* Design PCB’s for power electronic & wireless circuits that enable the launch of new products
* Read, analyze and interpret Gerber data, schematics, diagrams, datasheets, MCAD data and technical procedures
* Participate in multi-site, multi-discipline teams of engineers and other stakeholders to achieve goals per milestones given
* You will work on multiple facets of PCB layout while collaborating with HW and Signal Integrity Engineers
* Board routing studies to optimize new package ballmaps

## Qualifications for PCB designer

* Experience designing high density boards that incorporate microcontroller, mixed analog and digital circuits and peripherals such as Ethernet, USB, I2C, SPI, telco etc
* Understanding of board fabrication/assembly DFM and DFT requirements
* 5+ years of experience with PCB layout and design of RF, analog, and mixed signal PCBs using Cadence Allegro version 16.X
* 5+ years of experience using a schematic/netlist driven CAD layout process, including use of LVS verification
* 5+ years of experience using a CAM package for manufacturing data validation
* Working knowledge of JEDEC /IPC design, fabrication, and assembly specifications