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# Example of PCB Layout Engineer Job Description

Our company is searching for experienced candidates for the position of PCB layout engineer. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for PCB layout engineer

* Set up PCB design regulations based on design rules
* Maintain PCB layout guideline and checklist
* Work with suppliers to solve Engineering Questions and review DFM to keep improving product quality and reliability
* HW and board design engineer with extensive experience layout, and mixed signal board design
* Skilled in PCB Sign-off tools, Design Rule Checking (DRC), LVS and Layout extraction
* Overall responsibility for PCB layout and simulation aspects of the subsystems
* Involvement in board placement stackaup definition (together with package an Mechanical engineers), RF simulation and optimization
* Close work with System, , Mechanics, Package, RFIC and antenna groups (covering aspects such as material layout, simulation)
* PCB Layout and release to Design and Manufacturing rules
* Maintenance of product related data in Teamcenter including Engineering Changes

## Qualifications for PCB layout engineer

* Altium Part/Library management required
* Experience with VBscript, Perl, or Skill
* Experience in PCB layout of DDR and LPDDR interfaces
* Experience in PCB layout of High speed serial IO interfaces
* Knowledge of PCB manufacturing and PCB assembly technologies and processes
* Knowledge of modern electronic board designs, including layout for good EMC performance