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# Example of PCB Layout Engineer Job Description

Our growing company is hiring for a PCB layout engineer. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for PCB layout engineer

* Prepares complex circuit board layouts to meet the physical and performance constraints imposed by electrical, mechanical, and environmental project requirements
* Prepares all necessary artwork /electronic data required for the complete fabrication of the printed circuit board
* Facilitates the out-sourcing of work overloads
* Interfaces with PCB manufacturers to resolve any problems related to design
* Resolves technical issues related to PCB design and assists design group with solutions
* Reports status of work in process as required
* Define the Layout of the PCB according to electrical, mechanical, and manufacturability constraints using the CAD tools available
* Manage the Layout Interfunctional Design Review prior to design release
* Issue all PCB documentation to Production according to internal standards
* Be the reference point for all Junior Designers

## Qualifications for PCB layout engineer

* PCB manufacturing experience
* EMC safety certification knowledge
* Project management within a team environment
* Mentor Xpedition Enterprise, Xpedition Package Integrator, including constraint and design rule configuration - Cadence Allegro and/or SiP, OrCAD Capture CIS, including constraint and design rule configuration - Microsoft Excel - PCB design fabrication preparation
* Bachelor’s/MSc
* At least 5 years of experience building schematic symbols and part footprints