

Job Title:	PCB Layout Design
Department:	Engineering
Division:	Electronics

Position Summary:

PCB Design Engineer will be responsible for the layout of complex printed circuit boards including Digital, Analog & Mixed Signal technology. Candidate must have well-developed competency in PCB design & manufacturing.

You will be doing PCB layout for the team, including detailed implementation, and providing day-to-day guidance and maintaining a close collaboration with design engineers in US locations, You will be exposed to a challenging, collaborative, and innovative environment. We encourage employees to take ownership, to colour outside the lines, and to imagine possibilities.

Responsibilities

- Layout of complex multilayer printed circuit boards containing analog, digital and high voltage power components
- Placement and routing per Design Layout Specifications and Guidelines
- Create and manage PCB documentation including fabrication and assembly drawings, Gerber files, etc
- Work with PCB fabricators to resolve DFM or other manufacturing related issues.
- Create, manage and maintain the E-CAD libraries (schematic symbols, PCB footprints, etc.)
- Ensure Quality of the deliverable : (Ensure Team members deliverables)
- Checks that the final design complies with the ECAD Layout Specifications
- Checks the DFM,DFT, DFA constraints and Ensure zero error.
- Ensure EMI/EMC in the design
- Ensures trouble free designs using the Ecad checklist template documents
- Reports any issues or suggestions to improve the designs.
- Report project status to project team daily.
- Organize launch review and design review meeting with project team
- Keep communicated channel opened between project team and eCAD
- Highlight problem to management in time if urgent.
- Updated about the layout activity.
- Quality check performed for the team members boards
- Create New Technical document Preparation
- Do the tasks assigned time to aim the object

Requirement

- Technical candidate with 3+ years in Electrical Engineering in manufacturing, robotics, aerospace, defence, electronics industries
- Fusion 360 software
- Strong experience with embedded/electromechanical system design, power electronics, system architecture, sensors, schematic and PCBs, QMS testing, hardware, microcontrollers, FPGA, product development, etc.
- Experience and highly motivated by leading/training/mentoring/growing engineering teams