Downloaded from <https://www.velvetjobs.com/job-descriptions/board-designer>

# Example of Board Designer Job Description

Our innovative and growing company is looking for a board designer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don’t fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for board designer

* Design digital and analog electronic circuits for commercial and military Head Up & Helmet Mounted Displays and avionics sensors
* Define electrical requirements for new designs and develop detailed performance specifications
* Perform preliminary design activities-including block diagrams, trade off studies and design reviews
* Perform detailed design activities - including schematic capture, design analysis, prototype tests, and design reviews
* Perform technical oversight and coordination of Printed Circuit Board designs
* Support electrical qualification tests
* Develop equipment to support integration test
* Oversee efforts of less experienced electrical designers
* Provide troubleshooting support to New Product Introduction manufacturing
* Facilitate joint coordinated Printed Circuit Board (PCB) design developments across engineering disciplines and development sites within ADVA

## Qualifications for board designer

* Experience with PC and Ceramic Boards for ASIC characterization is highly desirable
* Ability to design advanced analog and digital electronics
* Must be able to plan, coordinate, and manage all assigned duties in an organized manner
* Must have excellent written and verbal communication skills to effectively interface with team members and the Project Manager
* Must already have or be able to obtain a SECRET clearance prior to first day of commencement of employment
* Current SECRET clearance perferred