

Job Description

Job title: Electronics Engineer	Holidays: 25 days / year + statutory Pension: 5% contributory
Department: Engineering	Reports to: Senior Power Design Engineer
Hours per week: 38	Hours of Work: 0830 – 1700 Mon-Thurs 0830 – 1500 Fri
Duration: Full time/Permanent	

Job Summary

Working within an Engineering Design Department, the successful candidate will form part of a dedicated project team. The position covers electronic circuit and PCB hardware design for switch-mode power supply applications from concept through to finished product.

The successful candidate will be supported, supervised and given training by a senior Engineer

Main Functions & Duties

Initially working in conjunction with, and supervised by, a lead engineer, but building to assume more authority and responsibility for the work as follows:-

- Develop initial Circuit design and PCB hardware for allocated products, meeting design spec and cost targets
- Provide feasibility studies and assist in the development and writing of product specifications and technical reports
- Testing and proving of designs to required standards, including environmental, safety and EMC
- Schematic capture of required circuitry using CADStar schematic package
- Plan "Initial design, development and testing" activities keeping within project deadlines.
- Creating and maintaining support "design proof" documentation and technical reports
- Liaison with all relevant parties, including Production Engineers, Purchasing, Suppliers, QA etc to ensure all target requirements are fully achieved

Critical Success Factors

Success in this role will be judged by the following key performance indicators

- The successful candidate will initially be able to demonstrate the drive and motivation for developing a career in hardware design and ultimately be capable of leading own projects.
- Maintain an approach leading to a consistently high quality of work that meets all objectives within a particular project.
- Consistent use of positive working and communication practices with all business partners, ensuring all objectives, project and Company are successfully achieved within their set frameworks and timescales

Working Conditions

The role is based at our offices in Hunmanby, North Yorkshire

Job Holders Essential Attributes*Essential experience/skill and knowledge*

- A degree in Electronic/Electrical Engineering or equivalent
- Self-motivated with the capability for working to a high level of detail and accuracy, with the aim to build a career in Power Electronics design, in a dynamic, growing Company.
- Must be able to take responsibility for own work and be looking for career development
- Must be a good team player and used to working as part of a project team.
- Willing to undertake relevant specialist training, where required.
- A working knowledge of power electronics with some commercial experience.
- Knowledge of communication technologies, including Modbus over RS485 and/or USB

Job description compiled by:

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