



Senior Design Engineer (Power Electronics) (Ref: SD17SPE01)

We are an award winning company who are now on the lookout for a Senior Electronics Design Engineer to join our team due to an exciting period of growth. We are currently involved in a number of power conversion projects, these include: high efficiency single and three phase AC to DC converters; wave-energy power take-off devices; wireless power transfer converters; and fully digital microprocessor controlled converters. Power range covers 500W to 25kW and often involve industrial or academic collaboration.

The successful candidate for this role will join an innovative design team with a reputation for solving demanding power supply design problems. Whether it be high power density, a harsh environment (space, offshore) or class-leading efficiency, our team rises to the challenge.

This role is an important addition to the overall team, and you will be expected to design the electronic hardware for all (or part) of varied power conversion devices. Other members of the team will deal with mechanical and software tasks.

The candidate will be expected to be the project technical lead, responsible for meeting requirements in the product definition, from initial customer specification to prototype and/or low scale production. For most projects a project manager will be responsible for the overall execution of the plan, however smaller projects may require a degree of project management by the candidate.

Daily interaction with the company's Technical Authority means the candidate will be in a position to influence the future direction of the company's technology.

The company is entering a further period of growth and it is anticipated that this role will grow as the company does.

Skills / Experience

To be considered for this role you should have proven experience in a related power electronics arena. You should have demonstrable success in designing one or more of the following: SMPS; digitally controlled power supplies; motor controllers; wireless power or inductive power supplies; mixed signal electronics. Previous use of ORCAD/pSpice and MatLab/Simulink would also be useful.

Over and above the technical experience it is important that the candidate is suited to the company environment. The design team is a small fast moving unit, working on multiple projects. The successful candidate will need to be innovative, flexible and pragmatic with good time management skills and the ability to deliver to tight timeframes and within budget. The variety of projects mean that the candidate will need to be capable of working both independently or as of part of a larger team.

Additional Information

Please send your written application with a copy of your CV, quoting reference number SD17SPE01, marked for the attention of Linda Boag to:

administration@supplydesign.com

No agencies please.