



Design Engineer (Power Electronics) (Ref: SD17PE01)

We are an award winning company who are now on the lookout for a Development 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.

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

The successful candidate will be expected to support the project's technical lead in meeting requirements contained in the product definition, from initial customer specification to prototype and/or low scale production. In general, the overall design will be undertaken by the project's technical lead, however the complex nature of some designs means the candidate will be required to own certain aspects of the design.

The small, close knit nature of the design team means the candidate will be in a position to influence the future direction of the company's technology

It is anticipated that a successful candidate for this role will progress to being a Senior Design Engineer.

Skills / Experience

To be considered for this role you should have proven experience in a related power electronics role. Experience in designing SMPS, digital control of power supplies, motor control or wireless power transfer would be an advantage. Previous use of ORCAD and pSpice 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 with the ability to deliver targets to tight

timeframes. The variety of projects mean that the candidate will need to be capable of working 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 SD17PE01, marked for the attention of Linda Boag to:

administration@supplydesign.com

No Agencies please.