RedWave Labs

Electronics Design Engineer. Hybrid Working

Sectors: Electronics, Engineering, IT/Software/SaaS, Science
Location: Didcot OX11, UK
Salary: for experienced applicants £45,000 - £70,000+ / for junior applicants £25,000 - £35,000
DOE Plus Salary Sacrifice Pension + Medical Insurance + Personal Development Support

Description:

We're on the lookout for an Electronics Design Engineer to join our team as we continue to grow and build solutions for some of the best-known companies and laboratories worldwide. This role is offered on either a full or part time basis and flexible working hours and a mix of remote and office working are also possible.

Role Info: Full / Part Time with flexible hours
Product / Service: Design, manufacture and prototype of control systems. Photonics, & Quantum Technologies.

About Us: We design and manufacture high quality electronics with integrated firmware for photonics applications and quantum technologies. Our clients include some of the best-known companies and laboratories worldwide. Our three core product areas are emerging products for quantum technologies, control systems for high power lasers and spectroscopy, and optimised OEM subsystems for photonics.

We are a talented, dedicated, friendly team of high performers. We are growing and we are looking for an Electronics Design Engineer to join us.

The Firmware Engineer Role: As Electronics Design Engineer you will be involved in the whole design/product lifecycle. The role will include designing electronic circuits, laying out PCBs, modifying firmware, running simulations, building and testing prototypes, fault finding, making improvements and putting together documentation. Taking ownership of your projects, you will work closely with the rest of the design team (electronics, mechanical and software engineers) and with production.

You will also be involved in Innovate UK projects on quantum technologies. This would suit an engineer who is excited to bring new products to market and to work on projects at the forefront of photonics.

About You:
+ Degree or equivalent in Physics, Electronic engineering or Computer science
+ Experience of firmware for embedded electronics design
+ Experience of leading (or significantly contributing to) an electronics design project with capability of designing the architecture and all the subsequent steps to layout and testing
+ Experience with Altium and circuit simulation (Pspice)
+ Ability to lead projects
+ A "can do" mentality to deliver practical engineering solutions
+ Practical ability (soldering, validation testing)
+ Basic understanding of thermal management
+ Experience of embedded software would be a distinct advantage

Interested? Send an application by mail info@redwavelabs.com or zgeissser@redwavelabs.com

You may have worked in the following capacities:
Graduate Electronics Engineer, Junior Electronics Design Engineer, Senior Electronics Design Engineer, Analogue and Digital Circuit Design Engineer.