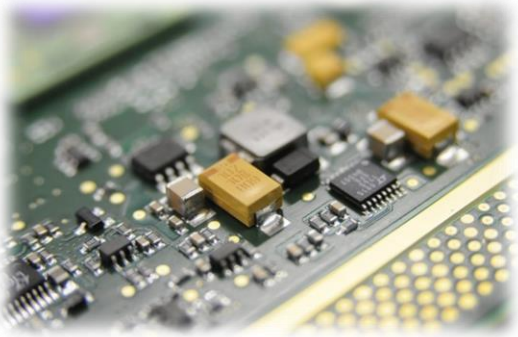
R&D HARDWARE ENGINEER



SALARY:	**£45K - £52K p/a**
HOURS:	**37.5hrs p/w**
LOCATION:	**HOOK**
EXPERIENCE:	**ESSENTIAL**

We are currently recruiting for an experienced R&D Hardware Engineer. This is a fantastic opportunity for proactive and hardworking individuals to join a busy and fast-paced team.

For this role you will need a good degree, or equivalent, in electronics engineering or computer science, experience of IEEE embedded design and experience of electronics circuit design, integration and test within a project environment.

As a Hardware Engineer you will be responsible for the specification, design and completion of assigned electronics design tasks according to recognised best practice electronics design and to agreed cost, production engineering and test targets.

The role will involve:

- Assisting the Hardware Engineering Manager in the specifying and agreement of electronics design deliverables
- Working on technology solutions in conjunction with customer
- Understanding the complete product proposition and recommending appropriate architecture solutions
- Attending customer project meetings to report on progress as required

Part of the role will also involve assisting with managing projects and for this you will need to:

- Assist in the creation of work plans for input to schedules generated by the project management team
- Create / assist on the generation of product requirement specifications
- Raise exceptions to the Hardware Engineering Manager when encountering deviations to agreed schedules or costs
- Liaise with software, mechanical and industrial designers to ensure integration compliance.

You will also be involved in product creation, which will involve:

- Creating electronics schematics using internal software to offer required product functionality from assigned tasks

- Creating PCB layouts and selecting appropriate electronic components to support assigned design tasks
- Supporting firmware development as appropriate
- Liaising with global suppliers, hardware, software and manufacturing engineering teams to introduce and integrate new technology
- Working closely with the mechanical engineering team to achieve required radiated RF and EMC performance.
- Assuring that created designs meets agreed internal and product regulatory standards. Eg. CE/FCC/PTCRB/GCF/FDA/UL

For this role you should have good working knowledge of the use of schematic layout SW, the use of PCB layout software, the use of electronics simulation for thermal and EMC characterisation and the use of appropriate software tools to prototype, integrate and debug hardware.

A full job description is available on request.

The ability to achieve UK security clearance may be required for some roles.

Member of AC Industrials