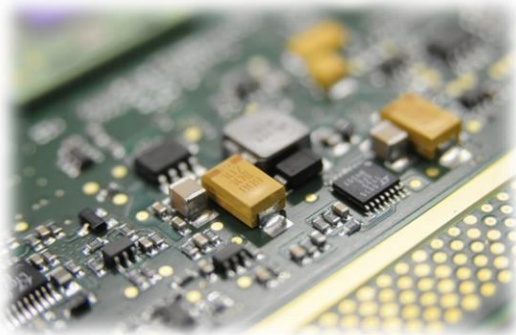


R&D HARDWARE ENGINEERING MANAGER



SALARY:	£55k - £65k p/a
HOURS:	37.5hrs p/w
LOCATION:	HOOK, RG27 9HX
EXPERIENCE:	ESSENTIAL

We are currently recruiting for an experienced R&D Hardware Engineering Manager. 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.

You will also need experience with audio codecs and video codecs (MPEG4, H264), camera technology within a mobile phone environment, baseband technology within a fast-moving consumer electronics environment, 3G technology, DVB H experience and USB expertise.

As a Hardware Engineering Manager you will be responsible for the specifying and designing of customer electronics hardware from concept, specification, and testing, through development to mass production according to agreed project timescales and costs.

The role will involve:

- Working with customers to specify and agree electronics design deliverables
- Working on technology solutions in conjunction with customer
- Understanding product requirements in terms of cost, design and timescales and creating plans to achieve these objectives
- Understanding the detailed product proposition and driving architecture to support
- Attending customer project meetings to report on progress as required
- Producing HW design specification for formal customer review

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

- Create formal work plans as part of the overall project plan
- Ensure that electronics hardware deliverables meet overall project milestones
- Provide budgetary design costs and track throughout the project
- Raise exceptions to the R&D Director when encountering deviations to agreed schedules or costs
- Liaise with mechanical and industrial designers to ensure integration compliance

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

- Creating electronics schematics using internal SW to create required product functionality.
- Being responsible for PCB layouts and electronic component selection.
- Being responsible for firmware creation, integration and testing against product spec
- Liaising with global suppliers, sub-contractors, hardware, software, and manufacturing engineering teams to introduce and integrate new technology.
- Being responsible for electronics prototype manufacture in accordance with the hardware plan
- Working closely with the mechanical engineering team to achieve required radiated RF and EMC performance.
- Assuring the product meets internal and agreed product regulatory standards. Eg. CE/ FCC /PTCRB /GCF /FDA /UL
- Coordinating product submission to relevant approval bodies

For this role you should have good working knowledge of the use of schematic layout SW, the use of PCB layout software and the use of electronics simulation for thermal and EMC characterisation.

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

Please apply via the STI website > Current Vacancies