

Job Description



Job Title: Electronic Engineer

Reports To: Senior Manufacturing Manager

Direct Reports: 0-3

Job Purpose: To design, develop, test and maintain the electronic hardware of Cytomos products and be responsible for managing the electronic engineering aspects of the product life cycle in collaboration with interdependent disciplines, our suppliers and manufacturing partners.

Key Responsibilities:

- Lead electronic hardware development from concept to market, including initial prototyping, ensuring market readiness in accordance with product development and technology roadmaps and regulatory requirements.
- Independently test and troubleshoot electronic hardware, proposing and implementing solutions for optimization and refinement, including the rollout of product updates.
- Manage and cultivate relationships with supporting consultants, manufacturers, and supply chain partners to meet agreed timescales and identify and mitigate challenges for electronic hardware development and manufacture.
- Act as a point of contact and expertise for product support escalation, to ensure our customers receive the best service possible.
- Develop, review, and finalize test strategies, presentations, and reports for Cytomos electronic hardware.
- Support the development and the delivery of Cytomos silicon projects.
- Lead the implementation and development of Cytomos electronic hardware QC testing procedures.
- Ensure effective asset management for Cytomos electronic hardware, tracking stock levels and managing replenishment independently.
- Collaborate with suppliers to develop and maintain Cytomos products.
- Ensure compliance with Cytomos' policies, procedures, guidelines, and all relevant regulatory and statutory requirements.
- Provide strategic feedback to the Senior Manufacturing Manager to ensure that AuraCyt™ technology development meets agreed timelines and that challenges are identified and mitigated effectively.
- Identify and manage engineering tasks independently to achieve objectives.
- Working to Quality Standards: ISO 9001:2015.
- Act as a role model, embracing and personifying company values: "We Care. We Pioneer. We Collaborate," in full accordance with Cytomos' guidance and policies.
- Perform other duties and projects as directed by your line manager.

Knowledge, Skills and Experience

KNOWLEDGE (& QUALIFICATIONS)	Essential	Desirable
Relevant degree in electronic engineering with 5 years industry or equivalent experience.	✓	
Use of general 2D/3D TCAD software tools to do static or mixed-signal simulation	✓	
SKILLS		
Extensive knowledge of electronic PCB design and manufacture	✓	
Proficient with analog and digital circuitry design & verification	✓	
Strong ability to troubleshoot and solve electronic engineering problems and to make appropriate recommendations for improvement	✓	
Experience in firmware development, including writing, testing, and debugging firmware for electronic hardware.		✓

PCB Layout		✓
Proficient with version control software		✓
Ensuring Quality management is present in all aspects of work	✓	
Clear verbal and written communication skills	✓	
Self-motivated, ambitious and has a desire to develop existing and new engineering skills	✓	
EXPERIENCE		
Minimum of 5 years of experience in electronic engineering	✓	
Experience in working to regulatory standards such as ISO / electrical safety standards	✓	
Experience of bespoke electronic design & new product introduction & certification i.e. UKCA or CE marking.	✓	
Experience with FPGA Verilog or other HDL		✓
Experience of RF circuits		✓