



ELECTRONICS ENGINEER

About Us: IQD is a leading timing and frequency control company dedicated to delivering high-quality products and services to our customers. We are committed to innovation, excellence, and continuous improvement. Based in Crewkerne, Somerset, UK, we have a network of long-standing global customers. As a centre of excellence in frequency products for the Würth Elektronik (WE) eiSos group, we benefit from global infrastructure and support while maintaining the agility of a small business.

Company Culture: At IQD, we foster a collaborative and inclusive work environment where every team member is valued and encouraged to contribute their unique skills and perspectives. Our culture is built on the principles of respect, integrity, and continuous learning. We believe in empowering our employees through professional development opportunities and promoting a healthy work-life balance. Innovation and excellence are at the heart of everything we do, and we strive to create a workplace where creativity and teamwork drive our success.

Job Summary: We are looking for a highly motivated and skilled Electronics Engineer to join our team focused on IQD Frequency Products. The successful candidate will be responsible for designing, developing, and testing electronic components and systems, as well as overseeing the production process and ensuring product quality. This role requires a strong understanding of frequency control technology, circuit design, and relevant industry standards. This role is based 100% on-site at our fantastic laboratory in Crewkerne, Somerset.

Duties: The main function of this role will be the planning, execution, report writing and assessment of qualification reliability, approval testing of frequency control products to assess new products, product changes and ongoing quality control.

- Design and develop electronic circuits and systems for IQD Frequency Products, ensuring compliance with industry standards and specifications.
- Perform simulations and analyses to validate circuit designs and optimise performance in frequency control applications.
- Collaborate with cross-functional teams, including mechanical engineers, quality assurance, and manufacturing, to ensure product feasibility and manufacturability.
- Conduct testing and validation of prototypes and production units, documenting results and providing recommendations for improvements.
- Debug and resolve issues in existing designs and production processes, implementing corrective actions as required.
- Stay abreast of advancements in frequency control technology, incorporating innovations into product development.
- Prepare and maintain technical documentation, including design specifications, test reports, and product manuals.



- Provide technical support to customers, addressing inquiries and troubleshooting issues related to frequency products.
- Assist in the development of new products and technologies, contributing to the product roadmap and strategy.
- Stay updated with industry trends and best practices in reliability engineering.
- Carry out any reasonable request from your Line Manager.

Skills and Experience

Qualifications:

- Formal qualification in Electronics Engineering, Electrical Engineering, or a related field.
- Minimum 3 years of experience in electronics design and development, preferably in frequency control products.
- Strong knowledge of circuit design, RF design, and electronic components.
- Proficiency in simulation software (e.g., SPICE, or similar) and PCB design tools (e.g. Altium, Eagle, or similar).
- Familiarity with frequency control technologies, including quartz crystal oscillators and filters.
- Understanding of relevant industry standards (e.g. ISO, IPC, etc.) and quality assurance processes.
- Experience working with electronic test and measurement processes and quality control methods.
- Excellent problem-solving skills and attention to detail.
- Strong communication and teamwork skills.
- Ability to manage multiple projects and meet deadlines effectively.

Preferred Skills:

- Experience with embedded systems and programming languages (e.g. C/C++, Python, VB).
- Knowledge of Digital Signal Processing (DSP) and related techniques.
- Experience in project management and cross-functional teams.

Benefits

- Competitive salary
- Bonus
- 35 hours per week
- Permanent contract
- BUPA Cash Plan
- Life assurance
- Bank Holiday and Christmas/New Year office closure
- On site car park
- Complimentary refreshments at work – tea, coffee, fresh fruit
- See the website for a full list of company benefits at IQD