



Electronics Engineer

LOCATION: CHERTSEY

JOB PURPOSE

As an experienced Electronics Engineer you will work within a small team of skilled design engineers, to supply high quality products and systems to the Defence Industry. The successful candidate will be experienced in translating system requirements to innovative electronic design solutions, leading to successful customer acceptance within project timescales and budget.

REPORTING TO: SENIOR ELECTRONICS ENGINEER

CANDIDATE REQUIREMENTS:

- Broad electronics design experience in both analogue and digital design techniques including:
 - Low noise power supply and distribution circuitry.
 - Analogue signal conditioning.
 - Data acquisition topologies.
 - Digital interfacing and control within an FPGA environment.
 - Design for EMC compliance.
- Broad experience in the use of test equipment for evaluation and design validation including;
 - Digital Storage Oscilloscopes.
 - Spectrum Analysers.
 - Function Generators.
 - PAT Testers.
 - Digital Multimeters.
 - Power Supplies.
- Experience in all aspects of electronics product design including legislative compliance e.g. UKCA/CE, EMC, RoHS, Safety etc.
- Working knowledge of ECAD tools for circuit & PCB design (Cadence OrCAD desirable).
- Ability to multi-task and prioritise workload with a hands-on approach.
- Problem solving and fault finding down to component level.
- Able to work with internal and external stakeholders to develop solutions.
- Familiarity with Microsoft Office products.
- Strong communication skills both written and oral.
- Ability to obtain UK Security Clearance & Full UK driving license

RESPONSIBILITIES

- Responsible for the architectural and detailed design of electronics solutions to meet requirements.
- Working with other internal design disciplines, and external suppliers, to develop successful design solutions.
- Consideration of design for manufacture and test, to ensure smooth transition to production.
- System integration of solutions, including fault finding.
- Working with external test houses to demonstrate equipment complies with MoD and European standards, including CE/UKCA marking.

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| Location: Chertsey | Role: Permanent | Hours: Full Time 37.5 Hours |
| Contact: Jestina Anderson HR Manager | Email your CV to: Careers@drumgrange.com | Phone: 01932 581100 Vacancy No: P0040C |

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- Complying with all health and safety requirements and safe practices and procedures operated by the company.
- Preparation of high-quality documentation and drawings associated with the development lifecycle (e.g. Bill of Materials, schematics and Change Notes), and configuration in accordance with company procedures.
- Assisting and liaising with project teams on electronic aspects of products and systems.
- Occasional offsite support to install and maintain products and systems.

DESIREABLE QUALIFICATIONS & SKILLS

- Previous experience working with MoD customers & equipment test standards.
- Degree educated or equivalent qualification.
- Electronic and FPGA/firmware design experience.
- RF design experience.

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