

TMD TECHNOLOGIES VACANCY

Title: Component/Reliability Engineer

Responsible to: Head of Engineering

Scope:

TMD manufacture highly complex, high power RF amplifiers, incorporating high voltage switch-mode power supplies for major international and military customers worldwide. The Component / Reliability Engineer will be required to provide technical support to the product development teams to ensure our products continue to meet the reliability, safety and integrity requirements defined.

Main Duties:

- Provide obsolescence support to the design engineers
- Manage and maintain the integrity of the Swan component database
- Investigate component failures and work with suppliers to ensure effective corrective action
- Research component technologies and provide support to design engineers
- Produce specifications and drawings to define the approved component manufacturers and any test or inspection requirements
- Work with design engineers to develop an approved component database
- Support legacy product retirement and data archiving
- Assist in the maintenance and development of the new component introduction process
- Establish component failure rates and support design engineers with MTBF calculations
- Produce FMECA and fault tree reports
- To maintain an Engineers daybook to allow visibility of activities
- To achieve scheduled activity against forecast/plans.
- Ensure adherence to product specification and customer requirements.
- Attend programme and design review meetings as required.
- To work with customers and suppliers to resolve issues.
- To ensure compliance with TMD manufacturing and quality procedures.
- To undertake any other task, which may reasonably be requested.

Responsibilities:

- Responsible for the maintenance and integrity of TMD's component database
- Responsible for the suitability, reliability, availability and quality of all components included in the approved component database
- Responsible for the production of MTBF estimates and FMECA as required by specific projects

Qualifications

- Ideally, BSc degree or HND qualification in Physics or Electrical / Electronics Engineering.

Experience/Other Qualities

- Experience and knowledge of electronics and / or microwave components required. Must be a good team player. Knowledge and understanding of military component and reliability standards including MIL-HDBK-217F desirable.

Job Reference: 13/07/2018

Note for Recruitment Agencies

We have a dedicated HR team that manages TMD recruitment. With the help of our PSL, Company Website and online advertising we plan to occupy our vacancies. CVs will only be accepted from the above mentioned methods. TMD will contact recruitment agencies should we wish to engage their services; please do not contact us as CVs will not be accepted.



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