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Thermal / Mechanical Engineer Brief

OptiSynx is an early-stage company on the Cambridge Science Park in the product development phase of a revolutionary, new, high-precision, proprietary time source. Markets are in wired and wireless communications and wherever it is important to accurately know time, such as in auditable time stamping, stock exchanges and billing systems.

This innovative product contains a mix of electronics, optoelectronic and mechanical design elements. This leads to a requirement for specialists many fields, initially targeting a discrete component design and rapidly moving towards a fully integrated solution.

OptiSynx is looking for an experienced Mechanical Design engineer to join this rapidly growing team. Please do not apply unless you have a high level of ability in thermal design from system down to component level.

Attributes.

- A good degree in a relevant mechanical design subject.
- Experienced in Pro/ Engineer, Solid Designer or an equivalent design package.
- Excellent analytical and problem solving skills.
- Experienced in thermal analysis software tools such as Flowtherm.
- Self motivated with the capability to develop a concept through to a final product.
- An enthusiastic team player demonstrating excellent communication skills.

Key Tasks.

- Responsibility for all aspects of the Product mechanical design including test fixtures, components, fibre handling trays and enclosures. Be the focal point within the team for all mechanical aspects of the design.
- Be responsible for all related drawings and documentation.
- Be the focal point for related vendor liaison and prototype purchasing. Ensure that the design can be made in the most cost effective manner and still meet exacting performance requirements demanded by the team.
- Produce detailed thermal analysis of critical components and sub-systems.
- Work closely with the development team to provide interactive feedback leading to design improvements.
- Attend regular team meetings, be an active participant to the design process and report progress against milestones.

To apply for this position please email your CV with covering letter to recruitment08@optisynx.com