

OPT

OCEAN POWER TECHNOLOGIES

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Job Description

Job Title

Electrical Engineer

About Ocean Power Technologies

Ocean Power Technologies (Nasdaq:OPTT) is a pioneer in renewable wave-energy technology that converts ocean wave energy into electricity. OPT specializes in advanced autonomous (not grid connected), cost-effective, and environmentally sound ocean wave based power generation and management technology.

The Role:

The Electrical Engineer is a motivated, creative experienced engineer with a focus on Developing, designing and testing power management and conversion systems for ocean wave applications. He/she drives a systems view of problem solving while executing detailed engineering activities in their field of expertise. Working together with peers in the same discipline and/or other engineering fields, managers, program managers.

Responsibilities:

- Create, update and maintain electrical schematics and design documentation
- Select electrical/electronics components, manage drawing and schematic database, develop and maintain Bill Of Materials (BOM) and support components and HW purchase.
- Develop assembly, integration and testing plans and procedures.
- Support the design, development and validation of power conversion components, controls software and hardware, subsystems and system.
- Carryout design and troubleshooting activities such as: Circuit design and testing.
- Carryout the layout, assembly and test of electronic circuit boards and electrical systems.

- Carryout tasks and responsibilities in an Integrated Product Team (IPT) environment to ensure clean handoffs, Interfaces are well defined and understood to ensure a coherent, low risk system solution is developed.
- Coordinate the development of system, subsystem and component requirements technical/performance as defined by the high level program objectives and customer (internal/external/market) product/solution application.
- Support product development reviews in accordance with the company's Engineering development process (Stage Gate Process).
- Promote a safe working environment as well as a stringent focus on risk understanding and management, Design for Manufacturability (DFM), Design To Cost (DTC) without sacrificing quality and reliability.

The Ideal Candidate will have:

- 2+ years of hands-on engineering development experience
- Minimum B.S. in Engineering
- Power Electronic experience
- An understanding of Printed Circuit Boards
- Experience with robotics, automation, electric automation, control systems a plus
- Marine experience a plus (spent time in the marine or offshore industry)
- Comfort working in a lab environment
- Proficient in MS Office Suite
- Self Starter, strong work ethic who displays our company core values