

XP Power is a designer and manufacturer of electronic power conversion products which it supplies to the electronics industry. It serves the Industrial, Healthcare, Semiconductor Equipment Manufacturing and Technology markets. It has sales and marketing operations in North America, Europe and Asia and manufacturing in China, Vietnam, and North America. The Company is listed on the London Stock Exchange.

The Company has a history of consistently growing revenues (18% CAGR over the last 4 years) and profits (16% CAGR over the last 4 years) and is highly cash generative. Revenues in 2019 were in excess of US\$250 million. XP Power entered FTSE250 in 2020 and has been consistently profitable and cash generative.

Current situation:

Over the last 10 years XP Power has transformed its business from that of a distributor to a designer and then manufacturer of its own product. The Company has also expanded its addressable market through acquisitions of businesses that allow it to access the profitable areas of high voltage and radio frequency power. This strategy has enabled the Company to penetrate a significant number of blue-chip customers in its target market sectors and has resulted in a significant increase in earnings. With this expansion the business has become progressively more complex and many new exciting roles with good career development opportunities are being recruited.

The opportunity:

We are looking for self-motivated professionals who thrive in fast paced dynamic environments to join our team. We are proud of and committed to our culture that values Customer Focus, Flexibility, Knowledge, Speed, and Integrity. Joining our team means you will work in a high performing global company where employees collaborate and strive for excellence and can make a difference.

Job Title: *Sr. Engineering Manager*

Reports to: *VP of Engineering*

Location: *Sunnyvale, California*

Employment Type: *Full time*

Position Summary:

This position is within the Engineering Solutions Group in XP Power Sunnyvale CA. Successful candidate will manage a talented multidisciplinary test engineering team that is responsible for the development of robust, automated test solutions that are used in design and manufacturing of low voltage and high voltage power delivery products. The candidate will also be responsible for the development of power supply designs using modelling, simulation, and hardware evaluation. The candidate will determine design approaches; analyze equipment to establish operating range, conduct experimental tests; select components and equipment based on specifications and reliability data.

The Engineering Services Group features a collaborative environment with creative, smart people and cutting-edge technologies. Engineering excellence is expected and encouraged. Come join us in crafting solutions the world does not know of yet!

Key Responsibilities:

- Define test system architectures to support new power supply concepts
- Lead test engineering team in the development of custom test systems and in the design validation activities of power supply prototypes.
- Guide the team in the characterization and validation of test equipment using data-driven statistical approaches (Ex: Gage Repeatability and Reproducibility test etc.)
- Design system schematics and mixed signal PCBAs for custom test systems
- Design DC/DC, AC/DC switch mode power supplies utilizing various electrical topologies from concept to volume production while ensuring that the design meets performance specifications, cost & reliability targets.
- Run circuit simulations, complete DFMEA and perform reliability prediction calculations and reports.
- Collaborate with cross-functional teams (Engineering, Manufacturing, Sales, Supply Chain and Quality) to facilitate the design process.
- Research and evaluate new technologies.

Key Qualifications and Skills:

- Bachelor's Degree in Electrical Engineering with 8-10 years of design experience in the power supply or related industry. Or Masters degree with 6-8 years of experience.
- 3-5 years of engineering management experience
- Experience with electronic packaging, electronic power supplies and power conversion products.
- Experience with LabVIEW is preferred.
- Knowledge of power conversion principles, topologies and soft switching techniques and technologies. High voltage power design is preferable but not a must.
- Strong project management experience and supervisory skills.
- Excellent verbal, written and organizational skills.
- Excellent analytical skills.
- Ability to work in a fast-paced environment while delivering excellent results.

Benefits:

In addition to competitive salary, XP Power offers a comprehensive benefits package, which includes company sponsored health insurance coverage, and a 401K plan. Non-financial benefits include a friendly work environment.

This is an outline job description and does not attempt to cover the many detained aspects inherent in the job.

Job holders will be expected to undertake similar or related duties and responsibilities to those listed.

Job Holder's Signature: _____

Date: _____

To apply, please send your resume with cover letter and salary expectation to:

Alexandra Galvez

HR Generalist

Email: vacancies@xppower.com

XP Power is an equal opportunities employer.