

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. The company has ambitious growth plans to enter the FTSE250 within the next 3 years. XP Power 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 Firmware Engineer*

Reports to: *Firmware Engineering Manager*

Location: *Sunnyvale, California*

Employment Type: *Full-Time*

Position Summary:

We are looking for an efficient, flexible, meticulous and self-motivated firmware engineer. As a member of the firmware team, you will be involved in all areas of firmware development including prototyping of new concepts, development of features, unit testing, issue investigations, code maintenance, peer code review, and documentation. You will be responsible for design integration and launch of critical XP Power power conversion products. We strive to make the most of every regulatory requirement to achieve a superior quality design.

The Engineering Services team 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 doesn't know of yet!

Key Responsibilities:

- Participate in product definition, specification and requirements analysis working with cross functional stakeholders
- Design, code, integrate, test, support and enhance software solutions for power conversion systems
- Provide customer support for power supply prototypes and production products
- Collaborate with remote teams and support integration work with hardware team
- Participate in software qualification activities such as SFMEA and code reviews
- Participate in system integration and validation testing activities, including production/factory support
- Assist with evaluating existing and emerging technologies to identify solutions that will reliably operate in a wide range of installed environments
- Other duties may be assigned

Key Qualifications and Skills:

- Bachelor's or Master's degree in Computer Science, Computer Engineering, Electrical Engineering or a related field
- 7-10 years of related work experience
- Proficient in C
- Experience with Microchip, TI, ST microcontrollers and DSPs
- Experience interacting with software debugging in an embedded environment
- Experience in control and signal processing algorithms
- Experience with communication and networking protocols (I2C, SPI, RS-485, Ethernet, etc.)
- Comfortable using oscilloscopes, multimeters, power supplies, etc.
- Comfortable reading hardware schematics and data sheets
- Familiarity with software development life cycle (Agile, Scrum, CMMI)
- Familiarity with version control systems (SVN), and release methodologies
- Familiarity with MISRA or other coding standards is a plus
- Disciplined and detail-oriented; experience delivering robust, readable code
- Excellent communication and presentation skills, both verbal and written
- Excellent analytical and problem-solving skills
- Experience in recreating sporadic types of issues/failures using various debugging techniques
- Experience collaborating with remote teams
- Experience working in a fast paced, growing organization with the ability to balance multiple priorities and objectives simultaneously

Benefits: Appropriate to region.

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

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.

For further background on the company please visit

www.xppower.com.