



JOB DESCRIPTION

Job Title: Embedded Systems Engineer

Job Classification: Salaried FLSA Status: Exempt

Department: R&D Reports To: Chief Technology Officer

Work Location: Vista, CA

FLUX POWER, INC.

Flux Power develops advanced lithium-ion batteries for industrial uses. Flux solutions utilize its proprietary battery management system (BMS) and in-house engineering and product design. Flux batteries deliver improved performance, extended cycle life and lower total cost of ownership than legacy lead-acid solutions. Flux sells primarily to lift equipment OEM's, their dealers and battery distributors. Current products include advanced battery packs for motive power in the lift equipment and airport ground support markets.

Job Summary:

We have a terrific opportunity for an experienced Embedded Systems Engineer. The role will require excelling in leading planning, software and firmware development, testing, product launch, and oversight of customer technical requirements. Using your self-starter, firmware engineering and manufacturing background, you will play a key role in expanding our distribution partner network and customer base to further accelerate revenues. This is an opportunity to be an early team member in an innovative, thriving and ambitious company. For consideration, please submit a brief cover letter explaining your suitability for this position along with your salary expectations to pgeantil@fluxpower.com.

Position Responsibilities:

- A lead role in firmware/embedded systems.
- A lead role in PC software and GUI design.
- A lead role systems engineering.
- Contribute to schematic and PCB design.
- Production and unit testing responsibilities.
- "Cradle to Grave" project work
- Some small company experience that has included "multiple role" experience.
- Broad experience in product engineering development and manufacturing production.
- Lead small team of engineers supporting all phases of product engineering, including handoff to manufacturing and quality/customer management.
- Work within the company network if necessary to solve technical/quality issues
- Review all processes and controls coming out of engineering in order to improve manufacturability.
- Continuously search for cost reduction opportunities design to cost.
- Competitive compensation, stock options, and health benefits.
- Location: Vista, CA

Requirements

- Bachelors degree Engineering, Computer Science or Physics.
- At least 8+ years of experience as a Firmware, Embedded systems, Electrical Engineer with Firmware.
- At least 8 years of experience in software/firmware, packaging of electrical systems, quality control, and production testing.
- Problem solving skills, autonomy and leadership are mandatory.

- Oversight of product development from concept to customer quality experience.
- Demonstrated ability to read and interpret Engineering drawings and Manufacturing instructions.
- Ability to perform with “hands-on” contribution AND leadership skills.
- Collaborative skills and provider of “seasoned” experience.

Nice to Have

- Experience with lift truck batteries and systems.
- Some know-how of heavy industrial packaging design.
- Understanding of designing for high shock and vibration environments.
- Some knowledge of design tradeoffs for reliability vs. cost.
- Knowledge of electrical power systems and power electronics.

Benefits

- Medical, dental and vision insurance options
- 401K Plan
- Life Insurance
- Paid Time Off
- Holidays