



Sr Electrical Engineer

DMF Lighting, Carson California

DMF Lighting is looking for a Senior Electrical Engineer with experience in power supply design for LED lighting or consumer applications. In this role, you will be responsible for multiple facets of the electrical product development process from ideation to detail design, analysis, verification and interfacing with contract manufacturers to drive the latest LED lighting designs to production. The senior electrical engineer will be part of a dynamic and growing engineering team with room to innovate, learn and grow.

This role is also open for a motivated junior engineer able to demonstrate a solid understanding of analog electronics, an aptitude to learn, self-discipline and passion for electronics.

Job Description:

- Lead the design and qualification of compact LED drivers incorporating switch mode power supplies and associated control circuits.
- Prepare engineering specifications and qualification plans for new product development efforts.
- Perform detail hardware design, including circuit topology selection, component selection, magnetic transformer design, circuit simulation, provide guidance for PCB layout and verification.
- Ensure designs follow sound engineering practice to meet performance, reliability, cost and quality goals.
- Follow and refine the company product development process, conduct design reviews and interface with other engineers and departments to ensure an efficient transfer from design to production.

Requirements:

- 5 years of experience in product development for consumer or industrial electronics.
- Hands on experience with various power supply topologies, magnetic design, EMC design, thermal design and regulatory certification.
- Able to communicate in an effective and professional manner (written and oral)
- Able to drive projects by facilitating teamwork, establishing goals and driving decisions.
- Experience with microcontrollers and wireless SoCs and protocols is a plus.
- Experience working with overseas manufacturing partners is a plus.

Education:

- Bachelor of Electrical Engineering required, Masters is preferred.

If you're interested in this or other opportunities at DMF, email your resume to rkumar@dmflighting.com