

CONTRACTOR:

Electronics Engineer eldoLED, with focus on component engineering

Company profile

eldoLED is a world leader in the design and manufacture of intelligent drive solutions for LED based lighting systems. Our technologies empower our customers to deliver the promise of LED lighting: smarter, sleeker, and more efficient systems to meet the needs of an ever more energy conscious world. eldoLED is part of Acuity Brands Inc, a North American market leader and one of the world's leading providers of lighting solutions.

As the world of lighting turns to smart lighting and IoT applications, the driver is the heart of this technology revolution in the industry. New product development, sustaining of the continuously growing product portfolio and secure the leadership position with the creation of new technology are the three main challenges the development team faces.

As a company, eldoLED provides an environment where people do matter. We closely work together in problem solving and mutual learning and stimulate peer reviews. We regularly offer social events that colleagues can attend.

We are looking for an electronics engineer that loves to work in this challenging environment. As contractor, you will be working in a vastly growing company with high expertise in the field of power electronics for led electronics.

In the position of component engineering, you are dedicated to ensuring that electronic components with highest quality standard and optimal costs are released in our eldoLED drivers and incorporated in our database administration.

You will learn to work with our component engineering database and apply electronic tests under worst case use conditions of our led drivers, for all kind of electronics components. You will investigate the details of the component electrical parameters versus the requirements in the electronic application. The results will be reported out and in product documentation database. Quality is ensured by cooperation with the hardware engineers as consultancy partners and as peer reviewers.

The workload is managed by regular stand-up meetings, were progress and release issues are discussed.

Your responsibilities

- Evaluate and release alternate components, to ensure multi sourcing and increase supply chain robustness.
- Maintain and optimize our Component Database in cooperation with the eldoLED and Acuity stakeholders
- Further improvement of the component engineering workflow.
- Use of the eldoLED product documentation system

Requirements

- Minimum of a bachelor's degree (HBO) in electronics.
- Minimum of 2 years of relevant experience (power electronics).
- A proven track in Electronics Manufacturing projects is a pre.
- You are a strong communicator and team player.
- You are a precise worker and care for details.
- You apply good report writing skills in English.
- You have affinity and experience in working with component databases.

Technical Details

- Flyback/Current Source/LED driver circuits/PFC Controller
- Isolated Flyback transformer inductance designs
- MOSFETs/IGBT/Transistors Switching techniques
- General components engineering/BOM change
- Engineering Change Order/KANBAN/Mass production
- CISPR22 - EMC compliance/EMI set-ups and tests
- Cost reductions on electrical circuits
- DALI/10V/DMX communication lines
- PWM dimming/Bluetooth Smart/mesh network
- Circuit/Design troubleshooting via 8D/Fishbone/DFMEA

Interested

If you are interested in this exciting role, send your motivation and CV to HR@eldoled.com.