

Electronic /Project Engineer

About Elan Industries

We're Elan Industries, a friendly suburban Electronics Design and Manufacturing firm that makes electronic controls for world-class appliance companies. Collaborative and friendly work environment, we enjoy designing and manufacturing great products to solve our customers needs.

About the Opportunity

Our company is growing! We're looking for an experienced and energetic BSEE Electrical Engineer who thrives in a fast paced exciting environment. In this position, you will collaborate with other engineers, customers, internal product and manufacturing teams, and Underwriter's Labs. This is the perfect opportunity for an engineer who welcomes autonomy and responsibility, enjoys mastering their engineering skills, and embraces the chance to grow and thrive.

Responsibilities

- Analog, digital and microprocessor based embedded circuit design experience and ambitions. Including mixed-mode electronic circuits, microprocessor-based temperature controls, motor speed controls, switch mode power supplies, and various user interfaces.
- Schematic capture tools experience.
- High energy and ability to work in a fast paced exciting environment juggling multiple concurrent projects.
- Design and Improve designs that solve our customers needs, including designing for UL, IEC and EMI, minimizing unique part counts, designing for manufacturability and designing for good thermal performance.
- Product documentation, including creating product specifications, Schematics, BOMs, ECNs, prints, wiring diagrams, etc.
- Design Verification testing of controls, including noise testing (ESD, conducted emissions, ring wave, etc.) and thermal chamber testing under load.
- Work closely with customers (primarily engineers) to develop product specifications and requirements and coordinate deliverables throughout the program.
- Owning projects from start to finish.

Details

- 401K with generous matching contribution
- Vacation and holiday pay
- Excellent health, dental, and eye care benefits
- Comfortable, friendly work environment
- Suburban Chicago (Bolingbrook location)
- Check us out at www.elanindustries.com
- **Send Resume's and any other details/questions to Jim at jdodis@elanindustries.com**
- NO RECRUITERS please.

Qualifications and Skills

- Experience and aspirations to design and develop embedded electronic controls.
- Experience with schematics capture tools, preferably Mentor Graphics.
- BSEE Degree is required.
- US Citizen or Green card. Elan will not host a work Visa.