



Electrical Design Engineer

As part of our product engineering team, you will be responsible for design, development, and product engineering of illuminated electronic components. Support and assist in winning new business by creative and innovative design and manufacturing knowledge.

Responsibilities Include:

- Design, develop and engineer Electro-mechanical components & assemblies to meet customer and internal requirements. This includes CAD design, circuit board design, materials selection, analyses, and testing.
- Interface with advanced manufacturing engineering, vendors and production personnel in order to ensure design for manufacturability and assembly.
- Develop and manage project timelines and deliverable schedules.
- Write product specifications, test reports and related documentations.
- Manage projects and all activities related to the development of new and existing products.
- Provide technical support to sales and marketing for bids and proposals.
- Create DFMEAs, and develop, plan and execute test plans for new products, as required.
- Actively support ISO and other compliance programs as required, and champion the use of procedures in Engineering.
- Provide technical direction, serve as a point of contact or business liaison, prepare briefings for senior management and assist in problem resolution specific to the program/project.
- Assist in training and development of engineers and product support staff.
- Perform additional tasks and projects as assigned.

Qualifications and Experience:

- Bachelor's degree in Electrical Engineering or related field with 5+ years in electronic industry and demonstrated track record of product innovation.
- Experience in electronic boards, circuits and embedded systems design.



- Experience in designing, testing, and installing electrical components or systems.
- Significant experience in working with wide range of materials including metals, plastics injection molding, epoxies, conductive and non-conductive plating.
- Solid analytical skills including strength of materials and tolerance analysis.
- 3D and 2D CAD experience a must.
- Experience using standard laboratory equipment, e.g. oscilloscope, power supplies, multimeter, etc.
- Experience with safety testing agencies, i.e. UL, CSA, CE, etc.
- Creative and innovative approach to problem-solving, including partnering with others to ensure customer satisfaction.
- Self-starter who goes the extra mile to provide exceptional support and follow through.
- Excellent oral and written communication skills.
- Have positive demeanor and team spirit.
- Effective listening skills with the ability to write product specifications based on customer needs
- LED lighting and/or electromechanical component experience preferred.
- SolidWorks expertise helpful, including PDM.
- Experience with SAP desired.
- Experience in development phase process and working with remote teams.
- Experience in cross functional projects with interaction between research, development, design, launch, operations, quality, product management.
- Proven track record of developing products that have been released to production and successfully adopted in the marketplace.
- Ability to travel periodically to VCC's Tijuana, Mexico facility as needed

VCC offers a competitive salary, bonus, and comprehensive benefit package, including 401(k) matching. We embrace positivity and team spirit; enjoy work and have fun. Join us at www.vcc-lite.com