

Job Title: Senior Power Management Design Engineer

Company: Richardson Electronics, Ltd.



Type: Full time

Job Description: Performs a variety of engineering work in planning and design of products, tools, machines and other electrically functioning equipment. Works closely with other engineering disciplines to increase production quality, efficiency, or volume.

Job Responsibilities:

Essential Job Functions:

- Project Management and Design Lead of new RELL Power products
- Technical Lead and support staff on existing RELL Power Products
- Develop proposals with risk analysis on potential new products
- Participate in product review and engineering meetings
- Designs and develops switching power supplies and ultracapacitor based modules
- PCB Design and layout: Experience in Cadence OrCad/Allegro PCB Designer is a plus
- Schedules work to meet completion dates and technical specifications
- Reviews other engineers progress and evaluates results of their work
- Fluency in technologies and application domain
- Able and willing to produce complete, accurate, readable Electrical schematics per industry standards
- Some traveling to customer locations for installation, testing, and troubleshooting
- Mentor and develop younger engineers in design and critical thinking
- Must be authorized to work in the US.

Supervisory Responsibilities: Leading Lower-Level Electrical Engineers and CAD Drafters

Qualification Requirements:

- Self-starter with a demonstrated ability to focus efforts, overcome obstacles and complete key objectives
- Bachelor's degree and 10+ years of relevant experience or master's degree and 5+ years of relevant experience
- Previous design experience in the following is desirable:
- Energy storage, power generation, renewable energy, power conversion.
- Excellent verbal and written communication skills

Working Environment:

- On-site Office/Lab

About Richardson Electronics: Richardson Electronics, Ltd. is a leading global manufacturer of engineered solutions, power grid and microwave tubes, and related consumables; power conversion and RF and microwave components including green energy solutions; high-value replacement parts, tubes, and service training for diagnostic imaging equipment; and customized display solutions. More than 60% of our products are manufactured in LaFox, Illinois, Marlborough, Massachusetts, or Donaueschingen, Germany, or by one of our manufacturing partners throughout the world. All our partners manufacture to our strict specifications and adhere to our supplier terms and conditions. We serve customers in the alternative energy, healthcare, aviation, broadcast, communications, industrial, marine, medical, military, scientific, and semiconductor markets. The Company's strategy is to provide specialized technical expertise and "engineered solutions" based on our core engineering and manufacturing capabilities. The Company provides solutions and adds value through design-in support, systems integration, prototype design and manufacturing, testing, logistics, and aftermarket technical service and repair through its global infrastructure. More information is available at www.rell.com.

Diversity, Equity, Inclusion and Belonging Commitment

Richardson Electronics is an international company with offices located throughout the world. We promote a culture where our employees feel welcome, respected and empowered to grow. We understand, respect and value the similarities as well as the differences of our employees as we do in our own families. We strive to be nurturing and open-minded and to create a genuine feeling of belonging. Our commitment to diversity, equity, inclusion and belonging creates a great place

to work and an environment where our employees, our customers and the communities we serve can reach their goals and connect. Our effectiveness in maximizing and bringing together the talents of people of different backgrounds, experiences and perspectives is key to our continued global success.

Equal Opportunity Employer/Veterans/Disabled

**Must be authorized to work in the US.*

How to apply: <https://www.rell.com/careers/job-postings/>

Required postings:

Family Medical Leave Act (FMLA) <https://www.dol.gov/whd/regs/compliance/posters/fmlaen.pdf>

Employer Polygraph Protection Act (EPPA) <https://www.dol.gov/whd/regs/compliance/posters/eppac.pdf>

Equal Employment Opportunity (EEO) Know Your Rights https://www.eeoc.gov/sites/default/files/2023-06/22-088_EEOC_KnowYourRights6.12.pdf

Invitation to Self-Identify <https://www.rell.com/webfoo/wp-content/uploads/2023/10/Invitation-to-Self-Identify.pdf>