



ProPhotonix, headquartered in Salem, NH, designs and manufactures diode-based laser modules and LED systems. With the lighting market expected to grow significantly within the next few years, we are positioned to become a key player in this space. We have design, engineering, and manufacturing facilities in Cork, Ireland, and near Stansted airport in the UK.

Electronic Design Engineer

Reporting to the Engineering Manager, the Electronic Design Engineer is responsible for creating innovative electronic solutions which lead to the development and introduction of new technologies and products that support ongoing business objectives. The Electronic Design Engineer will be a member of the engineering team and should have demonstrated design, development and implementation proficiency in a similar design environment.

Essential Functions & Responsibilities:

- Demonstrate proficiency in schematic capture and PCB layout. This comprises 60% of the workload. CAD tool is Altium.
- Perform detailed design, analysis, simulation, prototyping as appropriate to the project.
- Fully document designs, design calculations & maintaining a design notebook.
- Generate Bills of Material and engineering change order/notice.
- Participate in internal design reviews.
- Assist with RFQs as requested.
- Write technical reports.
- Show familiarity with standards, low voltage, safety & EMC.
- Assist in the selection of components and suppliers based on product specification, reliability and regulatory requirements.

The candidate should be well organized with the ability to work in a cross functional team. He/she should have effective communication, interpersonal and teamwork skills. A technical interest and willingness to learn about the company's technology is essential.

Qualifications:

Minimum Requirements/Qualifications:

- Degree in Electronics/Electrical Engineering.
- Minimum of 3-5 years experience in the development of analog and power electronics circuits.

To apply for these positions, please send your resume to hr@prophotonix.com.