

Sr. Electrical Engineer

TouchPoint Medical partners with medical technology and healthcare providers around the world to develop innovative healthcare solutions. We maintain a customer-driven mindset to help enable a safe and efficient delivery of medical technology, information technology and medication management. Together, we drive operational and customer excellence.

Overview

Based in our state-of-the-art facility in Odessa, Florida this position designs electronic systems and sub-assemblies for new products, product line extensions and modifications of current products for the healthcare industry.

Primary Responsibilities

- Conduct research and define electronic systems of new products or changes to existing products in collaboration with Product Management and multi-disciplinary project teams.
- Create design specifications and validation test procedures.
- Design, implement and verify electronic subassemblies and full systems, which typically consist of microcontrollers, power supplies, chargers, rechargeable batteries and analog circuitry among other electronics.
- Lead and sign off technical design reviews of new product designs.
- Work collaboratively with remote and international engineering design teams to accomplish design objectives.
- Lead or perform validation testing of prototype and final electronic products identifying strengths, weaknesses, and failures.
- Coordinate and provide technical oversight to obtain Regulatory Approvals.
- Support transfer of design to manufacturing and production of beta units.
- Identify and manage technical risks.

Qualifications

- Bachelor's degree in Electrical Engineering.
- Four to seven years related experience in electronic design and support.
- Familiar with advanced Electrical Engineering concepts, practices, and procedures and significant experience in application of this knowledge to the design of products.
- Advanced experience in embedded controllers, firmware, electromechanical systems, PCBA design and layout, test desired.
- Experience with stage-gate product development process.
- Ability to troubleshoot complex electronic problems in a lab environment using typical Electrical Engineering lab equipment (Oscilloscope, DMM, Logic Analyzer, etc.).
- Previous experience directing and reviewing the technical activities of other engineers or technicians. Ability to train, coach, and mentor fellow engineers or technicians.
- Ability to apply advanced mathematical concepts such as exponents, logarithms, quadratics equations, and permutations. Ability to apply mathematical operations to such tasks as frequency distributions, determination of test reliability and validity, analysis of variance, correlation techniques, sampling theory, and factor analysis.

You may apply for this position online by selecting the Apply now button. TouchPoint Medical provides equal employment opportunities (EEO) to all employees and applicants for

employment without regard to race, color, religion, gender, sexual orientation, national origin, age, disability, genetic information, marital status, amnesty, or status as a covered veteran in accordance with applicable federal, state and local laws. TouchPoint Medical complies with applicable state and local laws governing non-discrimination in employment in every location in which the company has facilities. This policy applies to all terms and conditions of employment.