



WEBCO HR, Inc.

Let Experience be Your Guide

ELECTRICAL ENGINEER – SAN JOSE, CALIFORNIA

WEBCO HR, Inc. is seeking a Electrical Engineer for one of our clients located in San Jose, California.

SUMMARY:

As a member of the Electrical & Firmware Engineering Team, you will be responsible for the design and implementation of electrical subsystems for medical devices and instrumentation. Successful candidates will grow with applying engineering problem-solving skills to the PCBA and other electrical work in an interactive and collaborative development environment where overcoming technical challenges is routine. As a key member of the engineering R&D team, you will be having a significant impact on the company's products.

RESPONSIBILITIES:

- Collaborate closely and multi-functionally with the project team, including mechanical and system engineering, firmware engineering, test engineering, quality, and others to develop and implement PCBA, FPGA, and other electrical subsystem solutions to meet product requirements and written specifications.
- Drive development efforts from concept to implementation to production release.
- Perform development work independently with minimal supervision required.
- Generate documentation to support regulatory filings and internal reports and specifications.
- Supports the work in formal Verification and Validation activities.
- Provide R&D input on CAPA reports and post product release support to BD Manufacturing worldwide.
- Follow design, quality, and safety guidelines based on GMP, FDA, and ISO guidelines and related BD Quality and Safety Standards and Practices.
- Understand business goals and link them to design directions and product architecture and promote short-term solutions that support long-term product vision and strategies.

REQUIREMENTS:

- 3+ years of experience, Bachelor's Degree in Electrical Engineering, or equivalent experience. Advanced degree preferred.
- Successful design and production release of multi-layer PCBAs using industry standard schematic collection and PCB layout tools, PADs experience a plus.
- Familiarity with FMEA, DFM, DFT, and DFR techniques.
- Able to analyze and articulate the tradeoffs between multiple architectures.
- Strong analog and digital design skills.
- FPGA development experience. Xilinx Vivado a plus

- Experience designing PCBAs incorporating complex, high-density, digital devices such as FPGAs and microcontrollers, as well as mixed mode devices such as SERDES, PLLs, and ADCs.
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- Provide R&D input on CAPA reports and post product release support to BD Manufacturing worldwide.
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- Understand business goals and link them to design directions and product architecture and promote short-term solutions that support long-term product vision and strategies.

For certain roles at the company, employment is contingent upon the Company's receipt of sufficient proof that you are fully vaccinated against COVID-19. In some locations, testing for COVID-19 may be available and/or required. Consistent with company's Workplace Accommodations Policy, requests for accommodation will be considered pursuant to applicable law.

COMPENSATION:

- Base Salary
- Full Benefits

COMPANY:

Founded in the late 19th century our client has been working to improve outcomes for patients since 1897 by improving medical discovery, diagnostics, and the delivery of care. Today, in the 21st century, they have grown to be one of the largest global medical technology companies in the world with over 70,000 employees, a presence in virtually every country, and annual revenues greater than 17 Billion dollars.

The company is a leading provider of high-quality flow cytometry and single-cell genomics solutions to scientific research and clinical laboratories. Here, we are leading the way by developing the best technologies that enable the ability to look closer at the details of cells and diseases.

WEBCO HR, Inc. is an Equal Opportunity Employer

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