



Job Description

Fill in The Blanks Below

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| FLSA Classification: | Exempt | Position Title: | Flexible Circuit Design and Manufacturing Engineer |
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|-----------|-------------|-------------|-----------------------------|
| Location: | Atlanta, GA | Reports To: | VP, New Product Development |
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Last Reviewed: 06-2010

Position Summary (A broad statement that captures the essence and overall purpose, 2-4 sentences.)

The successful candidate will join a team designing the next generation of LifeSync Corporation's wireless medical device and on-body sensors. They will be responsible for participating in the design, development, and manufacturing engineering of all aspects of the product on body electronics. In partnership with Georgia Tech, LifeSync's Research and Development offices are located in Technology Square, on the Georgia Tech campus.

Essential Functions: (Core duties that are fundamental for the position to exist. Define purpose, function, result to each duty, frequency, and time spent in brief phrases, not sentences. List duties in order of descending importance. Each statement should include: begin with an action verb in the present tense, activity type/type of work, object reason, i.e. Determines account service problems/issues to minimize loss, or Analyzes project needs and updates weekly, or Maintain subsidiary automated documentation system bi-weekly. List most important functions first.)

Candidate will be responsible for design of new on body printed flex-circuit based sensors and interconnections with LifeSync wired and wireless systems. The ideal candidate will have practical experience performing process improvements to printed flexible circuit manufacturing lines or equivalent, such as the manufacture of screen printed keypad overlays and systems, as well as an interest in creative design and innovative solutions. Day to day activities will vary from design and layout of future sensors, process capability analysis, prototype builds, supervising contract manufacturers, assisting quality in the design of acceptance criteria and testing for receiving inspections, and any and all other aspects of the design and manufacturing engineering processes.

Candidate will be expected to effectively communicate with other co-located and remotely located design team members including Validation, Layout, Engineering and Manufacturing. In addition the candidate will be expected to effectively work with and support all other facets of the operations (such as Product Management, Test Engineering, Marketing, Hardware Electronics Engineering, Operations and Software).

Secondary Functions: (Describe duties or tasks using the format for essential functions that are necessary to a lesser degree, requiring < 5% of your time spent AND may not be critical.)

A willingness to travel up to 10% to visit, supervise and verify improvements at world-wide manufacturing locations. Chinese language skills could be helpful but are not required.

Position Specifications: (Identify the minimum qualifications needed; education level or equivalent, minimum years of experience. Use required, essential, preferred or plus for each. Also identify KSAs; knowledge, skills, abilities and competencies, i.e. Knowledge of cost accounting inventory valuation methods required or skilled in using MS project and Visio preferred, analytical skills required.)

- BS or MS in Mechanical Engineering, Electrical Engineering, Materials Engineering or Industrial Engineering, with direct experience in the field of screen printed flexible circuits.
- Experience with medical product development would be desirable but is not essential.

The candidate should possess the following:

- Minimum of 3 years of experience in the flexible circuit electronics industry.
- Experience in printed flexible circuit design including layout, fabrication, and validation/testing and manufacturing of finished products.
- Good written and oral communication and teamwork skills.
- Experience interfacing with analog and digital designers.
- Experience with design for testability and manufacturing.
- Hands on laboratory experience and ability to use Electronic and Mechanical Measurement equipment.
- Proficient in the use of Pro/Engineer or equivalent.
- Must be PC literate and familiar with Word, Excel, PowerPoint, and comfortable learning new PC skills.

Disclaimer: The above statements are intended to describe the general nature and level of work being performed by employees in this position. They are not intended to be construed as an exhaustive list of all responsibilities, duties, and/or skills required of all personnel. The above duties are subject to change and shall not be construed as a promise or contract of employment or of any specific duties.