

Wireless Electrical Engineer

Job Profile

Company Mission: To provide communication solutions for challenging environments

Job Purposes: To design and support the manufacturing, repair, and upgrade of all Sonetics products in order to meet customer needs.

Job Customers: Customers, Marketing, Sales, Strategic Partners, Operations, Vendors

Reports To: VP of Engineering

Essential Job Duties:

1. Coordinate internal and external design of electronic functionality of Sonetics products in order to meet product specifications and corporate cost control goals.
2. Ensure products comply with all applicable regulations for sale and use in specified applications in order to meet sales targets.
3. Design and develop production tooling, testers, and manufacturing methods in order to ensure product quality standards are met.
4. Resolve product electronic function issues in order to reduce warranty expense and meet product quality goals.
5. Research and recommend suppliers and materials for new product design in order to meet new technology needs, product quality standards, and profitability goals.

Additional responsibilities:

- Work closely with engineers to ensure continuity of product design and manufacturing capabilities
- Assist in training of engineering, quality, production, and repair personnel
- Provide product documentation (including drawings)
- Participate as member of project teams
- Manage contract or contract labor relationships
- Travel as needed to qualify vendors and approve manufacturing processes (including occasional international travel)
- Keep current on area of technical expertise
- May assist in drafting customer manuals or instruction sheets
- Other duties or tasks may be assigned on an as-needed basis

Qualifications

Required Experience and Education:

- Minimum 3-5 years wireless engineering experience
- Experience with wireless module integration
- Bachelors degree in EE

Required Skills/Knowledge/Traits:

- Integration of Wireless Communication Modules
- Strong project management skills
- Demonstrated ability to multi-task and manage conflicting priorities
- Demonstrated troubleshooting and problem solving skills
- Good technical writing skills
- Collaborative communication style

- Ability to distinguish colors

Preferred skills/knowledge/Traits

- **Wireless:** DECT and/or DECT6 wireless communications devices, Bluetooth wireless communications devices
- **Audio:** Experience with Audio Precision test equipment; Analog Devices SigmaDSP
- **Digital:** Microchip Processors
- **Development:** Equally proficient in Hardware and Software development; PADS PCB/Schematics Layout

Core Competencies:

- **Deadline responsiveness:** Keeps close track of projects and tasks; works effectively to meet milestones; Follows up with others to keep on track; ensures everyone involved delivers on commitments; is able to plan and organize work to meet deadlines; drives tasks through to completion; works well under pressure
- **Creativity/Innovation:** Generates new ideas and concepts; finds new ways of doing something; initiates positive change through new or unusual ideas and solutions; thinks out-side the box; champions new initiatives and creative solutions
- **Attention to Detail:** Double checks information to provide accurate and consistent work, monitors details and quality of own and others' work; expresses concern that things be done right, thoroughly, and precisely; completes all work according to procedures and standards
- **Work standards:** Sets high expectations for quality of work; delivers a high quality product; works diligently to complete task; overcomes obstacles and quality issues, holds self and others accountable; deliver on commitments
- **Technical and professional knowledge and proficiency:** Is proficient within their field of expertise; keeps up-to-date on information within profession; acts as an expert within their field; shares knowledge and skills freely with other to increase effectiveness; exhibits relevant skills acquired through experience or education

Values: Integrity; Honesty; Confidentiality; Self discipline; Respect for others; Ethics beyond reproach.