



Senior Application Engineer

Essential Duties:

- Engage closely with sales, engineering, and customer personnel to bring up new Tx and Rx reference modules at customer sites, troubleshoot customer prototypes, and develop solutions that support end-user applications.
- Support of architecture and low-level hardware questions and issues
- Analysis of customer architecture and requirements
- Integrate, test, and debug customer modules, systems and evaluation platforms based on Energous Tx & Rx products, using bench top setups and state of the art electrical test equipment. This work will be performed at Energous and at global customer sites.
- Coordinate with operations engineering & regulatory to ensure end-to-end system readiness
- Modify existing reference designs for customers based on their ID/ME and PRD requirements, i.e., requires knowledge on doing detailed Electrical and RF design and layouts.
- Perform customer's schematic and layout design reviews to achieve optimal performance.
- Professionally manage relationships with key customers. Drive high customer satisfaction through excellent customer service, problem solving, and responsiveness.
- Training Field Applications Engineers
- Train customers on the use of Energous technologies directly and via web conferences
- Document and advocate improvements for Energous products to our QA, Development, and Product Management team(s).
- Develop customer documents such as data sheets, design guidelines, and application notes.
- Play a critical role in developing and fostering enduring customer relationships that grow Energous business

Qualifications:

- 5-7 years plus BS/CE/EE/CS, in relevant fields with a strong track record of success, or equivalent experience
- Ability to work with a variety of internal employees in Hardware and Software Engineering, Architecture, Field Applications Engineering, Sales, Marketing, Regulatory and senior management
- Knowledge in most if not all of the following areas: Applications Engineering - Direct customer interaction and involvement - Project or time management skills - Ability to work on multiple tasks concurrently - Ability to explain and train others on complex technology - Debugging of complicated problems or bugs -Hardware/software/firmware bring-up - Training of customers and/or FAEs Architecture and Low Level Hardware/Software
- Solid working knowledge of RF Exposure evaluation methods for unlicensed and licensed technologies.
- Deep understanding of RF testing with an emphasis on WLAN, WWAN, NFC and Bluetooth.
- Experience with bench level testing using equipment such as digital oscilloscopes, digital communications analyzers, bit-error-rate testers, signal generators, network testers, optical and RF spectrum analyzers, fiber optic equipment, and custom test/evaluation boards
- Experience in hardware/firmware bring up, including the use of GUIs and scripts for hardware control and automation
- Experience in documenting product requirements extracted from industry safety and standards
- Experience in risk management and performing risk assessments
- Experience certifying new products
- Experience interacting with customers, regulatory agencies, test labs, etc.
- Ability to multitask in a high energy environment
- Excellent written and verbal communications skills and enthusiasm for solving customer problems in a collaborative manner.
- Some travel to customer sites is required.