

Senior Electrical Design Engineer

RightHand Technologies is seeking a Senior Electrical Engineer to participate in our product development process.

Key Job Functions

- Architecture of electronic systems
- Partitioning of design between hardware, firmware and software
- Electrical hardware design of printed circuit boards
- Design with embedded microprocessors
- FPGA design
- Design for low EMC emissions
- Component selection
- Review schematics and layout
- Analyze designs for timing, signal integrity, throughput and power
- Create test plans for hardware designs
- Bring up and troubleshoot first build of circuit board or system
- Validate hardware designs on the bench

Skills

- Digital and analog design
- FPGA design, preferably Xilinx
- Experience with Verilog
- Firmware for embedded microprocessors (10%)
- Prototyping
- Complex Problem solving
- Experience with lab equipment: oscilloscopes, logic analyzers, spectrum analyzer
- Experience with Linux in an embedded environment
- Function as lead engineer on a project
- Excellent verbal and written communication skills

Education and Experience:

- 5+ years of experience in hardware design
- Bachelor's degree in Electrical Engineering

Send resume to: Careers@righthandtech.com

RightHand Technologies is located in Chicago Illinois.

Employment agencies should not forward resumes with prior approval from RightHand Technologies. No solicitations from 3rd Party Vendors. Thank you.

10/21/09 RHT